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1917.

PARK'S FLORAL MAGAZINE

LA PARK, PA.
• ESTABLISHED 1871 •



Big Offer of Double Begonias.

FOR ONLY 30 CENTS I will mail seven Belgin Giant Double Tuberos Begonias, Pink, White, Salmon, Crimson, Orange, Yellow, Scarlet, fine, plump tubers about three inches in diameter, separately wrapped, with cultural directions, and Park's Floral Magazine, monthly, for a year. If already a subscriber, the price will be 25 cents for the seven Tubers. Clubs of five, with an extra subscription and seven Begonias, also twelve splendid Mixed Gladiolus, only \$1.50. Club with friends. Address

GEO. W. PARK, LaPark, Pa.

Mixed Gladiolus—I will mail 12 fine mixed Gladiolus, imported from Holland, in splendid variety, with the Floral Magazine a year for only 25c, and for a club of our (\$1.00) I will add an extra subscription and mail 51 fine Gladiolus to the Club agent.



Select Your Seeds Now.

1 Packet, 5 cts.; 5 Packets, 25 cts.; 11 Packets, 50 cts.; 23 Packets, \$1.00; 35 Packets, \$1.50; 48 Packets, \$2.00. Park's Floral Magazine a year included with every order of 5 or more Packets. If Magazine is not wanted, 2 Packets, my choice, will be added.

BLOOM FIRST SEASON.

Abronia umbellata, Sand Verbena; rosy, fragrant.
Adonis, crimson cups, mx.



Ageratum, Tall, Blue, Bright Rose, White, mxd Imperial Dwf. Blue, White Swanley Blue, Azure, fine Dwarf: Little Dorrit, yellow; Little Blue Star, blue; Mauve Beauty, new; Red Pearl, fine; Album, dwarf white.

Tall mixed; Dwarf mixed All the above in mixture Ageratum is easily grown, likes hot sunshine, blooms freely and constantly, and fine for either beds or pots. It is one of our most showy and beautiful summer flo'rs Mr. Park:—My Ageratum showed many shades, made a beautiful, showy border. One I grew in a pot was so handsome I took it to the Flower Show, where it was greatly admired.—Mr. Howell, Whitman Co., Wash

Agrostemma Coeli-rosa, pretty annual in masses; white, purp., striped, mxd **Alonsoa**, scarl't, rosy scarlet, chamol's, separate or mixed Mutisi compacta, rosy chamol's, for pots. All showy, and fine in garden



Alyssum, Sweet, Lit. Gem, Carpet of Snow, Little Dorrit, all white; Lilac Queen, lilac, new; sep'rate or mxd Annuals that bloom freely from spring till winter; flowers fragrant, very profuse, good for cutting; splendid border and pot plants.

Mr. Park:—Sweet Alyssum is an indispensable flower for edgings and bouquets; for sweet'n'a, showiness and long-blooming it is the best.—Mrs. Jordan, Brazoria Co., Tex.

Amaranthus in many splendid sorts; showy foliage and blooming annuals for pots or beds; mixed. Tampa, a wonderfully fine sort, 4 feet, with great, plummy heads of rosy-carmine bloom. Also Loves-bleed'g, Joseph's Coat, Princess Feather, etc.

Antirrhinum, Snapdragon, new Giant-flowered, 3 feet, White, Rose, Scarlet, Salmon, Yellow, Striped, Pink; separate or mixed. Semi-dwarf, 18 ins., White, Gold, Rose, Black, Crimson, Copper, Salmon, Fiery Scarlet, Blotched, Striped, Vermilion; sep. or mixed. Tom Thumb, 8 ins., White, Crimson, Striped, Yellow; separate or mixed

All sorts in fine mixture. Orchid-flowered, 18 inches high, flowers of delicate, rich tints, fragrant and very beautiful; mixed, pk 10c (counted as 2 pkts)



The Improved Snapdragons are glorious plants for beds in summer, and pots in winter. All are large-flowered, very free-blooming, in long spikes, all summer; fine for cutting; deliciously fragrant. Do not fail to get a few packets of this splendid flower.

Mr. Park:—Your Giant Snapdragons are in bloom, and are of a wonderful variety of colors and variegations, White, Yellow, Rose, Scarlet, etc. They are beautiful beyond description. They ought to be better known.—Ruby Cheek, Spartanb'g Co., S. O., Nov. 5, 1916.

Mr. Park:—I raised a large bed of your Snapdragons, and was delighted with them, as were also my neighbors. I knew the old kinds, but none like those you sent, so large, rich-colored and free-blooming. They were a glorious surprise to us.—Mrs. Boles, Audubon Co., Ia., Nov. 29, '16.

Anagallis, Pimpernel, 1 foot, Blue, Red, Lilac, mxd

Anchusa, Dropmore, new sort, large, indigo flowers; 3 feet high, showy and rich **Anemone**, St. Brigid, mxd **Anthemis** Kelwayi, a fine plant for groups or beds; 2 ft. high, a mass of golden daisies throughout fall.

Arcott's, gold, white, mx

Argemone, Mexican Poppy, large white and yellow flowers; likes sand and sun **Asperula** azurea, 1 foot; sweet blue flowers.

Arnebia cornuti, spotted.

Artemisia annua, Sweet Fern, 6 ft. high, fragrant, fern-like, good for b'quets



Aster, Improved Branching, 2 ft high, flowers very double, large, long stems, last for weeks; splendid for beds and one of the best for cut flowers. White, Rose, Crimson, Blue, Lavender, separate or mixed Comet Giant, 2 feet tall; huge frilled flowers; fine for beds and cutting, mx Betteridges Quilled White, Yellow, mixed.

Hohenzollern, large, early, frilled, many colors mxd Autumn Queen, new, mxd Boltz's Dwf Bouquet, blue Christmas Tree, mixed Chrysanthemum Dwf, mxd Earliest Parisian, mixed Giant Paony-flowered, mx Gitana, new, large, mixed Globe Pyramidal, mixed Japanese, frilled, mixed Lilliput, small-flowered Ostrich Feather, dark red Pompon Crown, mixed Queen of the Market, mxd Sada Yakka, large pink Triumph of the Market, mx These are all double Asters of superior quality, unsurpassed for pots or beds, I especially recommend the Improved Branching for beds, as also the Chrysanthemum-flowered Dwarf. The seeds are from the finest strains, all tested; will surely satisfy my friends.

Mr. Park:—Your Asters were the wonder of the community, and we had so many colors, while the flowers were perfect. They are favorites with me and very beautiful.—Mrs. Johnson, Campaign Co., Ill., Nov. 14, 1916.



Aster, Perennial, splendid large-flowered; perfectly hardy, very free-blooming, bloom first season, and rival Single Chrysanthemums in beauty. Shades from white to rich purple.

Balsam Camellia-flowered, White, Scarlet, Crimson, Yellow, Lilac, Rose, Salmon, Rose spotted. Violet spotted, all full-double, very large, beautiful; separate or mixed.

I also supply Rose-flowered, Spotted, Dwarf, Carnation-striped, Solferino, mxd Complete mix'ture, all sorts

Bartonia aurea, golden **Basil**, deliciously sweet

Bellis, Double Eng, Daisy Monstrosa, giant white Monstrosa, giant red Longfellow, red Snowball, white Ranunculiflora, new Bride, white

All varieties mixed **Bellis** Monstrosa bears big double flowers, far superior to the older sorts; plants hardy, ever-blooming.

Bidens, Dahlloides, new hybrids, mixed; very handsome Dahlia-like flowers of various colors.

Browallia, everblooming very pretty flowers, White, Blue, Azure, mixed. I also have B. Speciosa, the large-flowered royal purple sort, and Rozzli, lavender. All are winter-blooming when grown in pots.

Brachycome, the pretty Swan River Daisy. Blue Star, Red Star, White Star, all new, choice sorts, separate or mixed.

Cacalia, Paint-brush, mxd

Calandrinia, low, sun-loving plants; pretty Rose, White. Purple flowers all season; mixed.

Calceolaria Scabiosaefolia, lovely yellow flowers, fine for small window pots



Calendula, Large-flowered, a low hardy annual for beds; blooms till winter; flowers large, double, of various colors, Sulphur, Orange, Striped, mixed. C. Pongel double white, and C. Ranunculoides, double yellow.

Mr. Park:—Your Calendulas are beautiful, and bloom all summer, and until the ground freezes solid, making a fine show after most other annuals are gone. They are fine for beds and borders. J. H. Werdein, Monroe Co., N. Y., Nov. 19, 1916.

Calliopsis, Dwf, Yellow, Red, Marbled, Bicolor and mixed.

Double, mxd., fine hybrids Tom Thumb, dwarf, mxd Tinctora, many col's, mxd Golden Wave, splendid gold All varieties mxd

Callirhoe, very handsome garden plants of easy culture; C. pedata is 2 ft. high and blooms till winter; C. verticillata is a trailing, hardy perenn'l; both have cup-like red flowers.

Campanula, annuals of much beauty; small blue and white bells in abundance; mixed.

Candytuft, lovely, showy, hardy annual. White, Purple, Rose, Cardinal, mixed
Canna, Gladiolus-flowered, an elegant bedding plant, always blooming. 4 feet high, showy in foliage and flower; fine mixed colors. Mr. Park: My Cannas from your seeds were fine. They bloomed almost as soon as those from roots. I advise others to sow your Cannas, Mrs. Tanner, Barrier Mills, Ill., Nov. 14, 1916.

Cannabis, Giant of Piedmont, a huge annual, 8 ft. high, branching like a tree; seeds fine for canary birds; grown for foliage.



Carnation, Early-flowering; very sweet and lovely rich-colored, double flowers; bloom first season and for several years. White, Yellow, Red, Striped, mxd. My seeds are from England and France, and very superior.

Mr. Park: We never had any flowers that answered so well for church or other bouquets as your Early Carnations. They are simply grand. The colors and variegations are very fine, and we would not be without them. Ira Chalka, Portage Co., O., Nov. 28, 1916.

Capsicum, Ornamental Pepper, splendid pot plant. I have 25 sorts—all shapes, sizes, colors; fruits are edible. Any sort or mixed.

Carduus Marianus, pretty foliage and pink flowers, hardy annual of much interest. C. Kerner grows 8 ft. has purple-red flowers
Carthamus tinctorius, Garden Saffron; six feet, showy golden flowers.

Catchfly, pretty clusters of red and white flowers, mxd
Celosia cristata, Coxcomb, a grand, showy annual for beds or pots; increases in beauty till frost. Crimson.



Gold. Flery red, Empress, Glasgow Prize, mixed. Empress, with rich crimson bloom is fine for beds

Celosia, Magnifica, Plume sorts, splendid for beds, increase in beauty till after frost; fine also for pots. Gold, Crimson, sep. or mxd. Mr. Park: Celosia Magnifica produces flowers of various colors that appear like great plumes. If cut before frost they make pretty winter bouquets. Mrs. Goff, Henderson Co., Tenn., Dec. 4, 1916.

Celosia, "Wool Flower", a plume sort lately much advertised; choice, true seeds

Centaurea, Bachelor's Button, hardy annuals, showy in the garden, fine for cutting. I offer the choice double sorts that are the finest. Rich Blue, White, Purple, Azure, mxd. Dwarf Compact, Blue, Rose, Variegated, mixed. Do not omit Centaurea from your list.

Centaurea, Imperialis, White, Red, Lilac, mixed. Odorata, Sweet Sultan, red, yellow, mixed; Depressa The Queen. Complete Mixt. of Centaurea.

Mr. Park: I like Centaurea Imperialis; started early the seedlings bloom all summer, but must be picked to prevent seeding. They are fine cut flowers. Mrs. McKinnia, Oakland, Cal., Nov. 14, 1916.

Centaureidium, a constant blooming annual 2 ft. bushy with gold flowers.

Centrauthus macrostachyon, White, Flesh, Red, mixed. Lovely everblooming annuals, a foot high; flowers small in fine clusters

Cerastium Biebertsteini, hoary foliage and masses of white daisies; become a sheet of bloom.

Chenostoma, 8 in. high; flowers soft rose in dense clusters; very pretty.

Cheiranthus maritimus, Virginia Stock, a fine little annual for beds in summer or pots in winter. Yellow, White, Crimson, mxd



Chrysanthemum, annual. These are early blooming, and beautiful, 2 ft. high, bushy and covered with rich-colored flowers till after frost. Are fine for summer beds, and if started in pots in mid-summer are excellent for winter. Carinatum Single: White, Yellow, Rose, Scarlet, White zoned red, Yellow zoned red, mixed. Carinatum Double: White, Purple, Yellow, Fringed, Mixed. Double Dwarf: Purple, Yellow, Scarlet, mixed. Coronarium Double: White, Sulphur, Gold, mixed. Pumilum; Dwarf Double Golden yellow, fine for beds. Complete mixture of all sorts.

C. Segetum Star sorts mxd; Inodorum Bridal Robe, White, Frutescens, mxd

Clarkia, a superb annual for beds, blooming all summer; 1 ft. high; large, showy, double flowers; Rose, White, Striped, Salmon, Scarlet, Carmine. Margined, sep. or mixed

Cleome, Spider Flower, pretty, everblooming annuals 3 ft. high; flowers in terminal spikes. White Rose, Crimson, mixed.

Clintonia, pretty Lobelia-like annuals for pots and baskets; Blue, White, Variegated, mixed



Coleus, elegant foliage plants of easy culture in pots or beds. I offer seeds of the very best quality that will produce a great variety of plants.

Mr. Park: Coleus grows more rapidly than most plants, and it is such fun to watch the development from a tiny seedling to a fine spotted plant. From a packet of your seeds I had 14 varieties. I was surprised, as I expected many would be alike. I took them to the Fair and won 1st premium on the collection. Mrs. Stearn, Madison Co., N. Y., Nov. 20, 1916.

Collinsia, showy annuals 2 ft. high; lovely flowers in whorls; White, Blue, Carmine, Variegated, mixed

Collomia, a fine scarlet-flowered annual; 1 foot

Convolvulus Minor, Dwarf Morning Glory spreading annuals a ft. high; flowers size of a Petunia, very bright and beautiful, constant-blooming. White, Blue, Crimson, Striped, Purple, mixed.

Cosmidium, Orange Crown, new; Calliopis-like flowers, golden yellow with rich orange disk.

Cosmos, a splendid annual; foliage fine-cut, lovely; flowers large, very bright and showy, effective in beds, fine for cutting. Early-flowering Hybrids: Yellow, White, Crimson, Purple, Rose, mixed. These bloom freely from mid-summer till after frost. Mammoth: Purple, White, Rose, Lady Lenox, mixed. These are tall, late-blooming sorts. Fine mixture.

Dear Sir: A mixed packet of Cosmos bought of you in the spring was a good investment. Plants screened a high unsightly fence, and were a mass of flowers. I will have more next spring. Mrs. Perry, Newport, Ky., Nov. 13, 1916.

Crepis, showy annual, good for bed and cutting; Pink, White, Gold, Yellow, mxd



Dahlia, Single; Horns-veld's New Giant Hybrids mixed; Striped and Spotted; French Giant, mixed; Coronata; Neck Ruffle, mixed. Tom Thumb dwarf, mixed; Single in Complete mixture: Single and Double mixed.

Cuphea, fine for beds and pots; Minlata Red, White, Purple, mixed.

Cynoglossum, annuals 3 ft. high; bear a profusion of pretty flowers; Blue, White, mixed.

Dahlia, Double: French mixed; Cactus-flowered, mixed; Liliput, mixed; Dwarf sorts, mxd. Double in all varieties, mixed.

Double Dahlias are all 10 cents per packet, or one packet is counted as two 5 cent packets.

Dear Sir: Dahlias from your seeds were beautiful—as nice as from named clumps of tubers, and began blooming almost as soon. Those who love Dahlias should not fail to try your seeds. A. L. Fulkerson, Grundy, Mo.

Daisy, Giant Double English; White, Rose, Red, mxd

Datura Wrightii, two feet high, flowers 9 in. long, lavender white, deliciously scented, beautiful; Double Golden Yellow, Purple, Violet, mixed.

Delphinium, Double Larkspur, 2 ft. high; long spikes of lovely flowers; hardy annual, fine for beds and cutting. White, Flesh, Lilac, Striped, Rose, Copper, Red, Violet, mxd Tall Rocket, White, Flesh, Rose, Lilac, Gray, mixed. Emperor, mixed; Candelabrum, mixed. Also Complete mixture of all varieties and colors.

Delphinium Grandiflora, a beautiful perennial will bloom first season; Blue, Porcelain, Lilac, mixed.

Dear Sir: Your Perennial Delphiniums (Larkspur) are easily grown, lasting, and among the most beautiful flowers in my garden. The shades of blue and purple are lovely. If cut back the plants will bloom until winter. I advise all of my friends to try them. Mrs. Adkinson, Concordia, Kas., Nov. 17, 1916.



Dianthus Chinensis, fine over-blooming Pinks, easily grown from seeds, and bloom the first season. Heddewigii Double, Snowball, Fireball, Purple with white margin. Scarlet, White striped red, Copper, mixed. Imperialis, mixed. Diadem Pinks, light and dark colors mixed. Lacinatus Double Fringed. Salmon, Snowdrift, Maimaison, Orange scarlet, Striped, mixed. Single: Princess Spotted Pinks, Zoned Pinks, Mirabilis, Ornatius mixed. Royal Pinks. Complete mixt of all sorts.

Dear Sir: I got a packet of your mixed Dianthus, and raised Pinks of many colors, some almost as pretty as Carnations. The bed was a beautiful mass of bright flowers. Mrs. W. S. Florence, Jasper Co., Ga., Oct. 23, 1916.

Diascia Barbera, a pretty annual; flowers soft rose, exquisite in form and color; charming in masses, and for cutting.

Didiscus, 1 ft., blue, in flat umbels, very handsome.

Dimorphotheca aurantiaca, the beautiful African Daisy; rich orange daisies on long stems; a bed in bloom is glorious. **D. aurantiaca** Hybrids, various colors mixed.

Dracocephalum, Blue, White, mixed; known as Dragon's Head; flowers gaping, attractive; 2 feet.

Echium, Viper's Bugloss

Erodium, Stork's Bill, mxd

Erystnum, free-blooming bedding annuals; fragrant, in clusters, golden yellow, beautiful. Allioni, new, rich orange; Dwarf Compact, yellow; Pulchellum; Complete mixture.



Eschscholtzia, California Poppy, splendid annuals for edgings and beds; foliage fine cut, silvery, dense; flowers cup-shaped very bright and showy. Single: White, Striped, Sulphur, Orange, Rose, Cardinal, Carmine, Golden West, Orange-scarlet, mixed. Double: White, Sulphur, Orange, Striped, Crimson, Rose, mxd. All sorts mxd

Eucharidium, hardy annuals a foot high, showy flowers. Rose, White, Purple, mixed.

Euphorbia, annuals with white and scarlet bracts; very showy.

Eutoca, beautiful, free-blooming little annuals; Blue, Lilac, White, mixed

Fenzlia, a lovely little annual; pink and white flowers in profusion; charming for borders and edg's

Gamolepsis tagetes, free-blooming little annual; golden, like a Marigold.

Gaura, 3 ft.; pretty white flowers in long spikes.



Gaillardia, Annu'l, beautiful ever-blooming sorts, the flowers large, bright and showy. Single, mxd. Lorenziana, double, mxd. Also both in many colors.

Gaillardia Grandiflora, hardy perennial, blooming the first season. Red, Yellow, Margined, mixed.

Gerardia hybrida, 1 foot, free-blooming; flowers tubular, of various colors; very handsome.

Gilia, beautiful annuals a foot high; free-blooming all summer; Tricolor mxd Achillæfolia mxd; Capitata mxd; Nana Compacta mxd; All sorts mixed.

Glaucium tricolor, 2 foot, branching; large Poppy-like brown and orange flowers; splendid.

Godetia, a glorious annual of easy culture. Flowers cup-like, very bright, in great abundance; fine for beds. Bright Rose, Carmine, White, Red, Spotted, Flesh, Dark Red, sing. and double, separate or mixed Dear Sir:—Your Godetias were the most attract'e flow's in my garden. I will never be without them.—D. H. Snowberger, Fayette, Ida.

Hebenstreitia, African Mignonette, White, fragrt spikes of bloom

Helianthus, Sunflower, large-flowered single; Sulphur, Deep Yellow, Macrophyllus, Primrose, Yellow with black center, Sulphur with black center, mixed Red-flowered, shades from pale brown to bright red plants tall, thrifty, free-blooming, mixed

Large-flow'd Double, Fistulosa fl. pl. Oculatus viridus fl. pl. Multiflorus fl. pl. Nanus fl. pl. Dwarf Double, 3 ft. mxd Miniature, small, fine for beds and cutting. Yellow with black eye, Golden Yellow, Brown-red, Comet-petaled and Double, separate or mixed

Hibiscus Africanus, 1 ft., white, black eye, hardy annual. Manihot, 5 ft., golden flowers as large as a



HIBISCUS MEHANI.

saucer; Mehani, hardy perennial, mixed colors

Hunnemannia M. Poppy

Ice Plant, cover'd with ice

Impatiens grandiflora, 6 ft. high, Red, White, mxd

Ipomea, Cardinal Climber, fine, new, lovely, ever-blooming vine.

Jonopidium, acaule.

Kaulfusia, Blue, Rose Red, mixed.

Kenilworth Ivy, lovely trailer for baskets, or for carpeting a bed. It grows in dense shade, or in sun.

Kochia, Summer Cypress.

Layia, pretty annual, fine for cutting, showy in beds.

Leptostichon, Rose, Carmine, White, Lilac, mixed. Very profuse blooming.

Splendid.

Leptosyne, for cutting.

Leucanthemum, Ox-eye Daisy, Improved, Large-flowered, white, fine.

Linaria, beautiful little annuals. Golden Gem, Bipartita, Marocana, Reticulata, separate or mixed.

Linum grandiflorum, Rubrum, Roseum, Cœruleum, mixed. Very showy bedding annuals. Likes sun.

Lupinus, showy annuals, spikes of bright Pea-shap'd flowers fine for beds. Variegated, Blue, White, Purple, Pink, Yellow, Scarlet, Rose, mixed.

Lychnis, very showy in the garden, easily grown, beautiful: Chalcedonica White, Scarlet, mixed. Haageana mixed. Fulgens mixed. All sorts mixed.



Lobelia, Fine blooming vase, edging and bedding plants, six in. high, dense in growth, a mass of rich bloom all summer. Bloom well in a sunny window in winter. Erinus: White, Blue, Blue with white, Dark blue, Crimson, Velvet Maroon, White with blue edge, mixed. Compacta: Duplex, Dark blue, Royal purple, Snowball, Crimson with white eye, Pure white, mixed. Ramosa: Rose, white, blue, mixed. New Hybrids: Miranda, Amanda, Sapphire, Hambergii, mixed.

Malope, annuals like a small Holly'h'k, very handsome, Red, White, Rose, mixed

Malva crispa, tall. Mauritiana, tall, purple bloom. Moschata rose, White, mxd All sorts mixed. M. Moschata is an espec'ly pretty perennial, showy, fragrant

Martynia, Devil's Claws, Yellow, Lilac, Fragrant, mixed. Robust plants, large, tubular, showy flowers.

Matricaria, Feverfew, very profuse-blooming; flowers white, double, very attractive, mixed.

Matthiola bicolors, Evening Stock, delici'sly scented evening flowers.

Meconopsis cambrica, fl. pl., tall, Yellow.



Marigold, old-fashioned ann'l, free- and constant-bloom'g, splendid for beds and edgings. I have a fine collection of single and double sorts, and my seeds are of the finest quality. Double African, Tall or Dwarf; Orange, Sulphur, Lemon, Quilled, mixed, French, Tall or Dwarf; Orange, Yellow, Gold-strip'd, Brown, Quilled, mxd. Lilliput: Brown, Spott'd, Yellow, Margined, mxd. Legion of Honor, Silver King. Also Tagetes Signata pumila and T. lucida, very sweet-scented, large blue flowers. Complete mixture of all varieties.

Mesembrianthemum, Pink, White, Yellow, Carmine, mixed.

Mignonette, pretty, compact heads priz'd for their delightful fragrance; ever-bloom'g. I have the choice new sorts, White, Red, Yellow, Mixed. Dwarf compact is fine for pots. The others are excellent for garden culture and cutting

Mimulus, large-flowered, delicate and exquisitely colored as an Orchid, and easily grown. Needs partial shade and sandy, moist soil; Tigred, Queens Prize, Fire King, Duplex, Imperialis, Albus Duplex, Mixed. Other sorts: Cardinalis mixed, Cupreus mxd, Moschatus, Musk-plant yellow, Quinquervnerus, Monkey flower, Mixed. Complete mixtures of all sorts.

Mirabilis, Four-o'clock, ever-blooming, scented, showy flowers in the evening. Tall White, Yellow, Red-striped, Rose, Red, Quadricolor, Mixed. Dwarf Variegated-leaved, Mixed

Myosotis, Forget-me-not, very pretty, showy plants for beds or pots, exquisite for cuttg. Elegantissima, Victoria, Alpestris, Dissitiflora, Palustris, in Red, White or Blue, also mixed. Complete mixture of all sorts.



Nasturtium, Tom Thumb, Dwarf sorts 8 in. high, splendid for beds, edgings and pots. Bloom freely all summer. Flowers large, bright, on long stems, very fragrant, fine for cutting. White, Scarlet, Crimson, Yellow, Bronze, Rose, Cameleon, Spotted Lady, Golden King, Dark Scarlet, mxd. These beautiful flowers should be better known. For big beds: oz. 10c., ½ lb. 35c.

Nemesta, annuals blooming freely and constantly. White, Blue, Tricolor. Versicolor, mixed. Strumosa; Scarlet, Orange, Carmine, Spotted, mixed. Complete mixture of all sorts.

Nemophila, White, Sky blue, Margined, Spotted, Holborn Blue Bell, mixed. Lovely hardy annuals, sow fall or spring. Fine flowers.

Nicandra, Shoo-fly plant, lavender bells. Branches said to keep away flies.

Nicotiana, fragrant beautiful flowers in profusion upon stems two feet high. Affinis white, Affinis hybrids mixed, Sandera, Violet, Red-violet, Blood-red, Rose, Flesh, Purple, White, mixed. Also Colosseum, Macrophylla, Sylvestris, Atropurpurea, Acutifolia, mxd Also mixture of all sorts.

Nolana, pretty trailer, mxd

Nycteria, sweet lilac flowers in clusters. A fine little annual.

Nigella, Love in a Mist, very pretty hardy annuals with large double flowers and showy inflated seed-pods. Blue, White, Miss Jekyll, mixed, Dwarf mxd. Hispanica mixed, Also complete mixt. of all sorts.

Obeliscaria, gold-margined, fine.

Eurothera, Even'g Primrose, lovely, fragrant flowers. Lamarckiana, Rosea, Acaulis, Speciosa, Fraseri, Youngii, mixed.

Oxalis, basket plants, mxd



Pansy, Improved, Large-flow'd, an exquisite, hardy garden flower. Face-like, fragrant, rich-colored, superbly variegated. Make a glorious bed. I offer the finest seeds imported from France, England and Holland. You can get no better [see my Guide.] White, Light Blue, Dark Blue, Black, Bro'n, Red, Bronze, Yellow, Orange, Spotted, Marbled, Striped Mauve, Purple, Frilled, Lavender, Violet, Sky Blue, M'rgin'd, Indigo, Peacock, Quadricolor Rose, Fiery Red, Crimson, Violet, Blood Red, separate or mixed.

I can also supply the new Lancaster strain, American, largest flowers, brightest colors, freest blooming, superior to all others, in mixture, at 10c a pkt. (in ordering, count this as two 5c packets.)

Dear Sir:—I have had wonderful success from a packet of your mixed Pansy seed. I had colors blending from a white to a velvety coal-black. I started the plants in a box in the house, then bedded them as soon as large enough. They have been blooming since the latter part of June, and are still bloom'g, large, rich blooms, some as large as a silver dollar. Although we have had quite heavy frosts and ice twice, they are still bright and healthy-looking.—Mrs. Ella H. Dixon, Newcastle Co., Del., November, 1916.

Pentstemon, new hybrids. Grand flowers for beds or borders; large, showy, free-blooming, almost like Gloxinias, choice mixture of finest sorts.

Perilla, Coleus-like foliage plants. Fringed, Crisped, dark foliage, mixed.

Physalis, Chinese Lantern, showy in garden and fine for winter bouquets when cut and dried. The fruits are also fine for preserves. Franchetti, vermilion, Edulus, golden, edible. Both mixed.



Petunias, Park's Unrivalled. The best of bedding plants for general use, does not mind frost or drought or sun or storm, blooms freely and continuously all the season. I offer the compact sorts especially for beds and pots, though some prefer the spreading varieties. Compact: White, Rose, Fiery Rose, Rose white throat, Velv'd, Purple, Purple white throat, Striped, Red, Starred, separate or mixed. Spreading sorts are of same colors. Giant Ruffled: Rose, Marbled, Margined, White, Velv'd, Spotted, Superbissima, mxd. Double: Large-flow'd, mxd, Small-flowered, mixed, Blotched and Striped, mixed.

Phacelia, White, Purple, Blue, Azure bell-flowers in great abundance. Charming annual. Mixed.



Phlox Drummondii. One of our best annuals. Flow'ers bright clusters, show a great variety of colors and markings, bloom perpetually, and are sweetly fragrant. Make a grand bed. I offer the finest large-flowered sorts. Grandiflora: White, Scarlet, Purple, Rose, Cream, Cinna-bar, Crimson, Tricolor, Violet, Blood red, Light Yellow, Chamois, Striped, Eyed, separate or mixed. Hortensiflora mixed, Nana Compacta mixed, Fringed and Cuspidata mxd, Semi-double mixed. Complete mixture of all sorts.

Polygonum, hardy annuals, ever-blooming, very handsome; White, Red, Variegated, mixed.

Portulaca, Large-flowered. Single and Double. A superb low annual for a sandy, sunny bed. A mass of charming, bright flowers. Splendid for beds, window boxes, porch boxes or pots. White, gold, Rose, Striped, Yellow, Scarlet, Crimson, Rose, Single or Double, sep. or mixed. Complete mixture. Also, large-flowered Parana, a new fine sort.

Dear Sir:—I wish to praise your Portulaca. The plants show a great variety of bright-colored flowers, and notwithstanding the hot, dry weather, they bloom from early summer until frost.—Mrs. J. H. McDaniel, Boswell, Ind., Dec. 7, 1916.

Poppies. No garden is complete without some of the choice Poppies. I supply Pæony-flowered in all the colors or mixed, also Carnation-flowered, Cardinal hybrids, Ranunculus-flowered, Rheas, Shirley. See my Guide. My seeds are of unrivalled quality and my mixtures cannot be surpassed. I also supply complete mixture.

Ranunculus, fine large, snowy flowers of many rich colors. Easily started and bloom first season. Mixed colors.

Ricinus, Castor-oil Bean, mixed sorts.

Ricotia Lunaria, lilac, fine.

Rudbeckia, showy fall flowers, golden yellow daisies in great profusion. Make a fine bed. Amplexicaulis, Newmanni, Bicolor, Sullivanii, mixed.

Salpiglossis, very fine Petunia-like, richly-pencilled flowers of various colors on up-right, branching plants. Make a charming, attractive bed. Red, Blue, Rose, Chamois, Brown, Yellow, Carmine, Violet, Striped, mixed.

Salvia, Large Scarlet Sage, fine for beds, very free-blooming in spikes, last all summer. One of our best bedding plants. mxd. Other sorts mixed. Complete mixture. See Guide.

Sauvitalia, trailing annual with double golden flowers all summer. Fine for beds or rockeries.

Saponaria, trailing, free-blooming annuals for beds or edgings. White, Rose, Scarlet, mixed. Also S. Viscaria, rose.

Senecio, Double Dwarf, fine for beds or edgings. White, Lilac, Copper, Violet, mixed.

Shortia, Yellow, orange center, splendid.

Solanum. Those here offered are grown for foliage and fruits, and are very decorative [see Guide for sorts]. Mixed.



Scabiosa, Mourning Bride a splendid annual for beds, pots or cut flowers. Sows spring or fall. Flowers large, on long stems. I offer the improved Double Large-flowered sorts: White, Rose, Sulphur, Flesh, Brown-red, Cherry, Carmine, Purple, Lilac, Violet, Variegated. Separate or mixed. I also offer Dwarf sorts, the best for pots, same colors or in mixture.

Dear Sir:—Your Scabiosa is very easily grown, and yields an abundance of the most beautiful, velvety blooms on tall graceful stems. Colors range from light mauve to the deepest rich wine.—Mrs. N. A. Fernel, Haswell, Colo., Dec. 1, 1916.

Schizanthus, Butterfly Flower, lovely annuals for beds or pots. I offer the finest sorts: White, Rose, Carmine, Blue, Spotted, Carmine and Yellow, mxd Grandiflorus mixed, Retusus mixed, Wisetonensis mixed, Complete mixture, Wisetonensis and Grandiflorus are best for pots.

Dear Sir:—From a packet of your seeds last year I had a beautiful bed of Schizanthus. A great many people asked what they were. In the fall I potted a seedling, and it was a mass of blue bloom nearly all winter. Everyone who saw it admired it.—Mrs. J. E. Bogardus, Saint Lawrence Co., N. Y., Nov. 14, 1916.

Schizopetalum, fringed white bloom.

Silene, very showy annuals. Pendula, double, Yellow, Flesh, Carmine, Violet, mxd, Asterlas grandiflora, Fortunei. Separate or mixed.

Sphegogyne speciosa, a lovely annual, Daisy-like yellow and white bloom.



Stock, Ten Weeks, a grand garden flower, double, deliciously scented, in spikes, always in bloom and fine for beds, pots or groups. My seeds of these are unsurpassed. Mammoth Holyhock-flowered, mixed. Early-flowering Dwarf in many rich colors, separate or mixed. Large-flower'g French, mxd. Perpetual Perfection, mixed. Giant of Nice, mixed. Complete mixture [see Guide].

Trachelium, White, Blue, mixed.

Trachymene, Blue, in fine umbels.

Trifolium repens, Irish Shamrock.

Valerian, Garden Heliotrope, a pretty, fragrant flower, Red, White, Scarlet, Fragrant, mixed.

Vendium, golden flowers like African Daisy. Fine for beds or borders.

Verbena, Large-flowered. Fragrant. These start readily from seeds, soon begin to bloom, and are showy till after frost. Fragrant, beautiful flowers in clusters; fine for beds and pots. Choice hybrids mxd. Mammoth mxd. Compact mixed. All sorts mixed.

Vinca rosea, an evergreen, ever-blooming plant with Phlox-like flowers, splendid for pots or beds. White, Eyed, Rose, Flesh, mixed. **Viscaria** oculata, elegant little annuals to grow in masses. Very bright and showy. White, Scarlet, Rose, Cardinal, Blue, mxd

Viola, Tufted Pansy, very beautiful, fragrant flowers for beds; endure sun better than Pansies, and bloom as freely; white, yellow, blue, mauve, azure, spotted and blotched, mxd.

Wallflower, *Parisian*, a charming sort blooming in four or five months after sowing; hardy, and will bloom the next season; yellow, cream, brown, blood-red, mixed.

Whitlavia, lovely annuals a foot high; bell-shaped, free-blooming; white, blue, mixed.

Zinnia, Finest Improved Double. Mammoth, 4 feet high, huge double flowers of many colors mixed; Bedding Zinnias, very free-blooming, double, everblooming, fine for beds; Miniature, small double flowers, mixed colors; Benary's Striped; Crispa, with curled petals, like a Japan Aster, mixed; Lilliput, small double flowers, fine for cutting. Mixed; all sorts mixed.

ORNAMENTAL GRASSES.

These are fine in beds, and very useful for bouquets, green or dry. All are easily grown. I have all the leading sorts.

Agrostis nebulosa, Pulchella; *Avena*, Animated Oat; *Brachypodium*, Briza Maxima, Minima, Geniculata; *Brizopyrum*; *Bromus briziformis*; *Chloropsis*; *Euchlena luxurians*; *Hordeum*, Job's Tears, *Lagurus* or Hare's Tail, *Melica*, *Panicum altissimum*, *Virgatum*, *sulcatum* and *plicatum*, *Stipa* or Feather Grass, *Tricholena*, *Erianthus Ravenae*, *Glycerium argenteum*, *Zea Japonica gigantea* quadrilateral or Striped Corn, *Zizania aquatica*, etc.

EVERLASTING FLOWERS.

Out and dried these are fine for winter bouquets, as they retain their color and form. They are easily grown from seeds.

Acroclinium, double, rose, white, mixed; *Ammobium alatum*, white; *Gomphrena* or German Clover, white, yellow, flesh, variegated, carmine, mixed; *Gypsophila*, small rose and white flowers, mixed; *Helipetrum*, golden clusters; *Helichrysum*, Strawflower, white, rose, crimson, scarlet, yellow, salmon purple, tall or dwarf, double, mixed; *Gnaphalium*, Edelweis, white; *Rhodanthe*, white, rose, crimson, mixed; *Statice Suworowi*, *Latifolia*, Superba, mixed; *Waltzia*, yellow; *Xeranthemum*, double, white, rose, purple, mixed. See Park's Floral Guide for full descriptions. Sent free.

ORNAMENTAL CLIMBERS.

These clothe and beautify walls, fences and unsightly buildings, and are needed to make a house cozy and home-like. Always get seeds of some of these.

Cardiospermum, *Balloon Vine*, grows eight feet **Bryonopsis** *laciniata*, **Morning Glory**, *Japanese*.

I make a specialty of these superb vines, and can supply all the fine varieties, separate or mixed. See Park's Floral Guide. Free.

Cobaea *Scandens*, one of the best vines; grows 30 feet; bronzy stems and large, drooping purple bells freely produced all season; fine for shading a porch or wall, or house.

Canary Creeper, 15 feet high, a sort of *Nasturtium*

Cypress Vine, 8 feet high; **Convolvulus**, *Morning Glory*, the old-fashioned, **Gourds** and **Cucumbers**.

These are fine for covering unsightly buildings or fences or trees, and some of the more delicate may be used to drape the porch. *Cucumis flexuosus* is Snake Cucumber; *Cyclanthera* *explosans* and *pedata* are tall, fine climbers; *Echinocystis lobata* is the Wild Cucumber; *Lagenaria vulgaris* is Dipper Gourd; also *Hercules Club*, *Dish*, *Sugar Trough*, *Egg Cannon Ball*, and *Pipe Gourd*.

Gourd, *Apple*, *Lemon*, *Gooseberry*; striped, *Pear*, green-ringed, red-striped; *Luffa*, the *Dish-rag Gourd*; *Momordica*, *Balsam Apple* and *Balsam Pear*; *Tricos-anthes* or *Snake Gourd*; *Hundred-weight*, mixed colors; *Small Fancy Gourds*, for children's toys; also all kinds mixed. Any of these separate, or all in mixture.

Humulus *Variegata*, *Japan Hop*, a free-growing, beautiful foliage climber; 20 feet, panicles of bloom.

Ipomea *Coccinea*, the small, scarlet and white *Morning Glory*; rapid climber; flowers open all day. Also *Limbata*, rich blue, edged white; *Leari*; *Viola cærea*, All mixed.

Lophospermum *scandens*, a fine blooming vine.

Moon Vine, the white, large-flowered sort; also the small, rose-flowered or *Evening Glory*. Mixed.

Maurandya, 10 feet; dense, rich foliage, thickly set in autumn with hanging bells of rose, white and purple vine; mixed.

Scarlet Runner, a fast-growing, handsome vine.

Sweet Pea, Improved Large-flowered. I supply the finest mixtures of named Sweet Peas, all large-flowered, improved. There are no finer mixtures, as I have an immense collection of the finest varieties. I supply mixtures of white, red, pink, light blue, dark blue, shaded and margined, yellow and salmon, red-striped, blue-striped. Cupid sorts, at 5 cts. each mixture, or the ten mixtures for 25 cts. Also, Complete Special Mixture 1-4 lb. 25c, oz. 10c, pkt. 5c.

Tropæolum, *Giant Climbing*, vigorous in growth, bearing large, bright flowers, white, yellow, orange, rose, scarlet, crimson, brown, bronze, blotched, separate or mixed.

Tropæolum, *Lobb's Climbing*, very free-blooming, rich colored varieties of great beauty; finest mixture, oz. 15 cents.

Thunbergia *alata*, free-blooming and beautiful; 8 feet high, a mass of handsome foliage and rich-colored blooms. Mixed.

BIENNIALS and PERENNIALS.

These are the "poor man's flowers," for when once established in the garden they will take care of themselves, and bloom freely every year. The plants are easily grown from seeds.

Achillea, *Pearl*, white; *filipendula*, yellow; *millifolium* roseum, rose; mxd.

Aconitum, *Monkshood*, finest varieties, mixed.

Adenophora, *Campanula*-like, handsome, mixed.

Adlumia *cirrrosa*, lovely biennial vine; 15 feet high; exquisite foliage; clusters of waxy pink flowers; does well in shade.



Arabis alpina, a charming early spring flower; clusters of pure white flowers; long bloomers.

Aubrieta, trailing, carpeting the ground in spring with lovely violet or blue flowers. Mixed.

Agrostemma, *coronaria*, two feet; mixed.

Alyssum, *Gold Dust*; golden clusters upon dwarf, compact plants.

Anchusa, *Dropmore* and others, mixed.

Aster, *Perennial*, *Large-flowered*; mixed.

Campanula, *Canterbury Bell*, 2 feet high, branching, and showing a mass of big, lovely bells, single or double; blue, white, rose, striped; mixed. Also *Calycanthema* sorts mxd.

Campanula *Framidalis*, *Turbinata*, *Persicifolia*, *Carpathica*, *Glomerata*, *Rotundifolia*, etc., separate or mixed.

Carnation, *Improved Garden*, *Double*, mixed.

Coreopsis, splendid, golden flowers; fine to cut.

Chrysanthemum, *New Single-flowered*, mixed.

Delphinium, *Perennial* *Larkspur*, mixed.

Digitalis, *Foxglove*, spikes of lovely drooping bells, white, lilac, rose, purple, yellow; mixed.

Gaillardia *grandiflora*, finest mixed.

Geum, 2 feet high; scarlet; fine varieties, mixed.

Gypsophila *paniculata*, 2 feet; fairy-like white bloom on delicate stems. Also new Double-flowered.

Hollyhock, *Chater's*, finest double, mixed.

Hibiscus, *Mehan's Hybrids*, 6 feet, mixed.

Leucanthemum, *Shasta Daisy*, *Etoile D'Anvers*; also *Alaska*, *California*, *Westralia*, etc., mixed.

Linum *Flavum*, yellow; *Levisii*, blue; *Perenne*, white and blue; *Narbonense*, deep blue. Mixed.

Poppy, *Perennial*, a mixture of 25 finest named sorts; immense flowers on strong stems, 3 feet high; perfectly hardy, bloom in early summer, splendid.

Primula, *hardy*, mixed.

Physalis *Franchetti*, *Chinese Lantern*, red.

Pyrethrum, *New Hybrids*, finest mixed.

Pentstemon, finest varieties, mixed.

Perennial Pea, 6 feet, fine everblooming vine, mixed.

Platycodon, *superb* sorts. Blue, White, mixed.

Pinks, *Carnations* and *Picotées*, hardy, mixed.

Polemonium, *Jacob's Ladder*, blue, white, mixed.

Rehmannia, *new hybrids*, beautiful, mixed.

Rocket, *Sweet*, splendid, *Phlox-like*, fragrant, mxd.

Salvia, *Hardy*, choice mxd.

Scabiosa *caucasica*, mixed.

Silene *orientalis*, mixed.

Sweet William, single, double, mixed.

Verbascum, 5 feet, mixed.

Wallflower, *hardy*, mixed.

Send for Park's Floral Guide, describing and illustrating these and hundreds of others. Free.

FOR THE WINDOW GARDEN.

Abutilon, *New Hybrids*, finest Dwarf sorts, mixed.

Abrus *precatorius*, *Prayer Bean*, pretty vine, red seed.

Acacia *lophantha*, *Fern Tree*, beautiful.

Agathaea, *Paris Daisy*, fine blue, winter bloom.

Angelonia *Grandiflora*, white, red, fine for pots.

Asparagus *Sprengeri*, fine plant for pots, vases.

Plumosis, lovely *Lace Fern*, exquisite foliage.

Tenuissimus, fine for pots. *Superbus*, very beautiful.

All sorts mixed.

Broussia, large-flowered, blue, white, mixed.

Boston Smilax, lovely trellis vine, fine to cut.

Begonia, all sorts, mixed.

Calceolaria, large-flowered, splendid, mixed.

Carnation, *Winter-blooming*, mixed.

Chrysanthemum, *Fall*, *Double*, fine mixed.

Coleus, splendid, *Fancy* sorts, mixed.

New Willow-leaved, *new*, very beautiful, mixed.

Cineraria *grandiflora*, splendid, finest mixed.

Cyclamen, *Large-flowered*, finest mixed.

Cyperus, *Umbrella Plant*, graceful foliage, mixed.

Eupatorium, *winter-blooming*, mixed.

Fuchsia, *Hybrids*, mixed.

Gloxinia *grandiflora*, finest mixed. *Seeds small*.

Gazania *grandiflora*, finest mixed. *Fine for pots*.

Heliotrope, all colors, large sorts mixed.

New Regal, large-flowered, all colors, mixed.

Lantana, *Tall and Dwarf*, finest mixed.

Lobelia, *new sorts*, for baskets, mixed.

Nicotiana, *New Hybrids*, mixed.

Primula, *New French* *Giant*, mixed.

Obconica gigantea, mixed. *Grandiflora*, fine, mixed. *Forbesi* and *Malacoides*. *Grandiflora*, "Butter-cup". *Verticillata*, *Kewensis*, *Sieboldii*, all pretty.

Rivina, pretty scarlet berries.

Suaresonia, vines, rose, white; mixed.

Vinca rosea, white, eyed, rose, mixed.

Geo. W. Park, La Park, Lanc. Co., Pa.

CHOICE VEGETABLE SEEDS.

I can supply Choice Vegetable Seeds of the kinds here listed at the prices attached. All of these seeds are fresh and tested, and can be relied upon. I offer them with entire confidence as to their vitality and quality. They are delivered free at the prices quoted.

Artichoke, Jerusalem, tubers, 20c per lb., prepaid; by express, at purchasers expense, \$1.00 per peck, \$3.50 per bu. The tubers are prolific and excellent for pickles; also for feeding stock.

Artichoke, Large Green Globe. A delicious French vegetable, the bracts of the immense flower heads being boiled and used as Asparagus. Bears second year. 1 pkt. 5c, oz. 35c, ¼ lb. \$1.25.

Asparagus, Palmetto; considered the best variety; large, early and of superior quality; also, Columbian Mammoth, Barr's Mammoth, Conover's Colossal. Per pkt. 5c, oz. 10c, ¼ lb. 30c. Two-year-old roots \$1.75 per hundred, by mail.

Beans, (Bush or Snap), Refugee, Early Stringless Green Pod, Black Wax, Early Mohawk; also, Improved Golden Wax, Red Valentine, Hodson's Kidney Wax, Weber Wax, Davis White Kidney Wax, Extra Early Refugee. Per pkt. 5c, pint 40c, quart 75c.

Beans, (Pole). Old Homestead, Lazy Wife, Creaseback, Golden Cluster, Scarlet Runner; also, Speckled Cranberry. Per pkt. 5c, pint 50c.

Beans, (Lima), Seibert's Early, Early Jersey, King of the Garden, Large White, Carolina, Sieva; also, Burpee's Bush, Henderson's, Dreer's. 1 pkt. 5c, pt. 40c, qt. 50c.

At the prices named these Beans will be delivered by mail. For larger quantities write for prices.

Beans, (Bush), White Marrow-Shell Bean. Per pkt. 5c, pint 40c, quart 60c.

Beet, Improved Blood Turnip, Early Bassano, Crosby's Egyptian, Crimson Globe, Extra Early Eclipse, Edmand's Early, Long Blood-Red, Swiss Chard. Per pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.

Beet, (for stock), Golden Tankard, Mammoth Red, Vilmorin's Improved Sugar; also, Norborton Giant. Oz. 5c, ¼ lb. 15c, 1 lb. 40c mailed.

Beet, Stack, Oz. 10c, ¼ lb. 15c, 1 lb. 40c.

Borecole, Purple Cape, Large White French, Curled Green Dwarf. Per pkt. 5c, oz. 30c.

Brussels Sprouts, Dwarf Improved, Half Dwarf Paris Market. Per pkt. 5c, oz. 15c.

Cabbage, Early Jersey Wakefield, Early Spring, Dwarf Early Flat Dutch, Henderson's Early Summer, Early Winningstadt, Charleston Early Wakefield, All Head, Drumhead Savoy, Late Surehead, Late Flat Dutch, Late Danish Baldhead, Autumn King, Late Red Drumhead. Per pkt. 5c, oz. 12c, ¼ lb. 40c, 1 lb. \$1.50.

Carrot, Scarlet Horn, Chantenay, Long Orange, Oxheart; also, Danvers. Per pkt. 5c, oz. 6c, ¼ lb. 20c, 1 lb. 75c.

Cauliflower, Early Snowball. Per pkt. 10c, ½ oz. \$1.00, Veltch's Autumn. Per pkt. 5c, oz. 50c.

Celeriac, Large Smooth Pargue. Per pkt. 5c, oz. 12c, ¼ lb. 40c, 1 lb. \$1.50.

Celery, White Plume, Pink Plume, Giant White Solid, Rose-ribbed Paris, Golden Heart, Giant Pascal; also, Boston Market, Golden Self-Blanching. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Chicory, Large-rooted; leaves used as a salad; roots roasted and ground, largely used as a substitute for coffee. Per pkt. 5c, oz. 10c 1 lb. \$1.00.

Collards, True Georgia; leaves cooked as a substitute for Cabbage in the South. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Cherrie, curled. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Corn, Early Giant, Country Gentleman, Improved Evergreen Sugar, New Golden Bantam, an early sort, thought by many to be the best early sweet Corn. Per 2-oz. pkt. 5c, ½ pt. 15c, 1 pt. 25c, 1 qt. 45c.

Corn, (for popping), White Rice, Mammoth White Rice, Golden Queen, Pearl. Per 2-oz. pkt. 5c, ½ pint 20c.

Corn Salad, Large-leaved; grown in fall for winter and spring use as substitute for Lettuce. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Cress, curled, used as salad. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Cress, Water, Should be grown in shallow fresh water; used for garnishing and as "greens". Per pkt. 5c, oz. 25c.

Cucumber, Early White Spine, Jersey Pickle, Long Green, Early Cluster, West India Gherkin. Per pkt. 5c, oz. 15c ¼ lb. 35c, 1 lb. \$1.00.

Dandelion, Large-leaved French; used as early greens. Per pkt. 5c, oz. 25c.

Egg Plant, New York Purple, Black Pekin, Early Delicata. Per pkt. 5c, oz. 35c, ¼ lb. \$1.25.

Endive, Golden Curled; also, White Moss, Green Curled, Broad-Leaved Batavia. Per pkt. 5c, ¼ lb. 50c. The leaves are used for garnishing, also as greens.

Kale, Dwarf Curled Scotch. Per pkt. 5c, oz. 10c.

Kohi Rabi, Early Purple Vienna; a choice sort, flesh, white and delicate. Per pkt. 5c, oz. 20c, 1 lb. \$2.00. A vegetable with Cabbage-like flavor.

Leek, American Flag, a sort of mild flavored "Onion", smooth, solid, uniform thickness; boil, use in soups, or when young as "scallions". Per pkt. 5c, oz. 25c, ¼ lb. 75c.

Lettuce, Early Curled Simpson, Big Boston, Golden Queen, Perfected Salamander, New York, Improved Hanson, Paris White Cos; also, Iceberg, Mammoth Black-seeded Butter, Speckled Dutch Butter, Grand Rapids. Per pkt. 5c, oz. 8c, ¼ lb. 30c, 1 lb. \$1.00.

Mushroom spawn (fresh), 1 lb. 20c, by mail; 8 lbs. \$1.00 expressed, not prepaid.

Muskmelon, Acme, Emerald Gem, Early Hackensack, Jenny Lind, Livingston's Tip Top, Rockyford; also, Paul Rose, Long Island, Beauty, Montreal Market. Per pkt. 5c, oz. 12c, ¼ lb. 35c, 1 lb. \$1.00.

Mustard, White London, Chinese Curled, Southern Giant Curled. For salads and garnishing when young. Pkt. 5c, oz. 8c, 1 lb. 60c.

Okra, Dwarf Prolific and Long Green; pods used for soups, stews, etc. Pkt. 5c, oz. 8c, 1 lb. 50c.

Onion, Australian Brown, Wethersfield Red, Early Flat Red, Prize Taker, Silver Skin, White Portugal, Yellow Danvers, Southport Yellow Globe; also Early White Pearl, White Barletta. Per pkt. 5c, oz. 20c, 1 lb. \$2.25.

Parsley, Extra Curled, Champion Moss Curled, Beauty of Parterre; also Tripple Curled. Pkt. 5c, oz. 8c, 1 lb. 75c.

Parsnip, Guernsey; decidedly the finest sort. Pkt. 5c, oz. 8c, 1 lb. 50c.

Pepper, Columbus, Cayenne, Long Red, Long Yellow, Bell or Bull Nose, Ruby King, Chinese Giant, Cherry, Japan Cluster, Golden Dawn. Mixed pkt. 5c, oz. 20c.

Pumpkin, Cheese, Connecticut Field; also Tennessee Sweet Potato, Mammoth Potiron. Pkt. 5c, oz. 8c, 1 lb. 40c.

Peas, Alaska, Bliss Everbearing, Abundance, Champion of England, Marrowfat, Tall Melting Sugar, Dwarf Melting Sugar; also Gradus or Prosperity, Nott's Excelsior, McLean's Little Gem, Telephone. Pkt. 5c, ½ pt. 15c, pt. 30c, qt. 50c.

Radish, Early Long Scarlet, Early Scarlet Turnip, Long Scarlet White-tipped, French Breakfast, Golden Globe, White Strasb'g, White Turnip, Long Cardinal, White Icicle, Chartier, California Mammoth White Rose Winter; also, White Chinese, Long Black Spanish. Pkt. 5c, oz. 8c, 1 lb. 50c.

Rhubarb or Pie Plant, Victoria, Pkt. 5c, oz. 15c, 1 lb. \$1.25.

Salsify, Mammoth Sandwich Island. Pkt. 5c, oz. 12c, ¼ lb. 45c, 1 lb. \$1.60.

Spinach, Long Standing, Prickly Seeded, Victoria; also, Savoy-leaved. Pkt. 5c, oz. 10c, 1 lb. \$1.20.

Squash, Golden Summer Crookneck, Extra Early Bush, Delicata, Mammoth Chili, Hubbard, Fordhook; also, Boston Marrow. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. \$1.00.

Note The Early Delicata Squash is the best all around Squash. It is fine to cook green, and will keep well for winter use. It is not large, but each vine bears several squashes, and hence it is very productive. Seeds can be planted in early June, and the squashes will not then trouble the vines. Fine for sauce and pies and for baking. By all means try this superb squash. Special prices, oz. 6c, ¼ lb. 15c, 1 lb. 40c.

Tomato, Atlantic Prize, Improved Beauty, Earliana, New Stone, Dwarf Stone, Ingotum, Ponderosa, Golden Queen, Golden Trophy, Pear-shaped Yellow, Semperfertifera; also, Matchless. Per pkt. 5c, oz. 25c, ¼ lb. 60c.

Turnip, Flat Dutch, Scarlet Kashmir, Extra Early White Milan, White Egg, Golden Ball, Purple Top, White Globe, Amber Globe, Orange Jelly, Long Island Improved, Purple Top Rutabaga or Swede. Pkt. 5c, oz. 8c ¼ lb. 20c, 1 lb. 50c.

Watermelon, Cole's Early, Phinney's Early, Early Fordhook, Mountain Sweet, Kolb's Gem, Preserving Citron, Sweet Heart, Kleckley's Sweet Ice Cream, Florida Favorite. Pkt. 5c, oz. 8c, 1-4 lb. 25c.

Herbs, Anise, Large Green Sweet Basil, Bush Green Basil, Borage, Balm, Catnip, Coriander, Dill, Large Sweet Fennel, Hoarhound, Lavender, Pot Marjoram, Mustard, Rosemary, Winter Savory, Broad-leaved Sage, Summer Savory, Saffron, Tansy, Broad-leaved Thyme, French Summer Thyme, Tarragon, Wormwood, Lovage, Caraway, Pennyroyal, Hyssop. Pkt. 5c, oz. 25c. Special mixture of herbs, pkt. 5c, oz. 25c.

Miscellaneous, Evergreen Broom Corn, 1 lb. 20c, mailed; 25 lbs. or more, by express, not prepaid, 10c, per lb. Sunflower Russian, 1 lb. 25c, mailed; 25 lbs. or more, by express, not prepaid, 10c, per lb. White Dutch Clover for bee pasture and lawns, oz. 10c, 1 lb. 80c.

Park's Superior Lawn Grass, the best of all lawn grass mixtures; makes a fine lawn the first season, and remains permanent. By mail, oz. 5c, 1 lb. 40c; by express, not prepaid, (5 lbs.) \$1.50. Five bushels will seed an acre, or a lb. will seed 500 square feet. For renovating a lawn sow half this quantity.

Quassia Chips A tea made from these is a sure remedy for Mealy Bug. Apply as hot as the hand will bear, by spraying or sponging. Every window gardener should have a supply, per lb. 30c mailed.

GEO. W. PARK, LaPark, Pa.

Poultry Profitable.

During the past two or three years the poultry business has been very profitable when properly managed. With the improved methods of raising and feeding, the modern poultry grower has a great advantage over the one who uses old time methods. Only the best improved strains of the various breeds should be used, and then by providing the most approved houses and utensils, and feeding a well proportioned ration, the production of broilers and eggs is an easy proposition. It is becoming well known that fowls are the most economical and nutritious of meats, and that even eggs at 50 cents per dozen are an economical diet. For this reason the raising of fowls and the production of eggs are increasing in importance from year to year, and those who enter this avocation and continue at it until they thoroughly understand it, can readily make a fortune from it. It is deserving of the attention of every man and woman who has a place that can be devoted to it. Besides the profit derived from the keeping of poultry, the observation of the habits, the graceful form, and the varied coloring of the different breeds is a source of much pleasure and admiration. The attention of our readers is, therefore called to the many advertisements of the poultry line found in our Magazine from time to time. They deserve a careful reading.

Egg-o-hatch applied to eggs during incubation strengthens the chick and weakens the shell. It supplies free oxygen, absorbs the carbon dioxide and rots the shell. Makes better hatches of stronger chicks. Booklet free. Sample, treats 100 eggs, 10 cents. Package, treats 600 eggs, 50 cents, postpaid, Geo. H. Lee Co., 512 Lee Bldg., Omaha, Neb.

64 BREEDS Valuable New Poultry Book Free—103 pages. Fine pure-bred chickens, ducks, geese and turkeys. Choice, hardy, Northern raised. Fowls, eggs and incubators at low prices. America's greatest poultry farm. 24th year in business. Write today for Free Book. **R. F. NEUBERT CO., Box 853, Mankato, Minn.**

MONEY IN POULTRY Start small. Grow Big. **AND SQUABS** Get winter eggs. Keep healthy fowls. Save your chicks. Our Big Book TELLS How. Shows fowls in natural colors. Thousands of prize winners, best layers, lowest prices. FREE. Crescent Poultry Farms Box 33. Des Moines, Iowa

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GREIDER'S FINE CATALOGUE. of fine bred poultry for 1917; 67 breeds illustrated and described; information on poultry, how to make hens lay, grow chicks—all facts. Low price on stock and hatching eggs. Incubators and brooders. 25 years in business. This book only 10c. Send today. **B. H. GREIDER, Box 70, Rheems, Pa.**

\$10 for the Machine

THE O. K. HATCHER

120-egg capacity—finest California redwood—centralized heat plant—saves oil—makes biggest hatches. Incubator and Brooder, both for \$15. Write today. **O. K. HATCHER COMPANY**

Dept. A8 Des Moines, Iowa

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SHOEMAKER'S BOOK ON



POULTRY

and Almanac for 1917 has many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. Only 15c. **C. C. SHOEMAKER, Box 960, Freeport, Ill.**

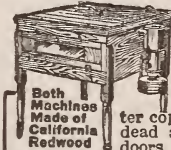
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Perfect Combination Hatch and Hover..... \$6.90
These two machines in one cost less than you would pay for either separately. Hatches all fertile eggs—then raises the chicks. Right guarantee. Get into poultry raising—an easy start on a bank account. Send For Book. **THE PERFECT HATCHER CO., Department 6 Leesville, Ohio.**



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Put 'em all to work, and they will make big money for you. If they won't work discharge them as you would the hired man. There should not be a Chicken on the place that isn't earning money.

I have helped thousands in the Poultry Business—and I can help you. Get my Big Free Book, Tells of Chickens, Ducks, Geese and Turkeys—of Incubators and Brooders and how to make money with them. Address—**Henry Steinmesch, Pres. E 10 N. 4th St. St. Louis, Mo.**



130 Egg Incubator \$10 and Brooder Both for \$10

If Ordered Together. Freight paid east of Rockies. Hot water copper tanks, double walls, dead air space, double glass doors, all set up complete, or 180 Egg Incubator and Brooder \$12.75. FREE Catalogue describing them. Send for it TODAY or order direct. (2) **Wisconsin Incubator Co., Box 24 Racine, Wis.**

CHILDREN'S CORNER.

Dear Mr. Park:—I am a girl of 13 years, and live out on the beautiful hills of Ohio, on an oil lease. I take music on a piano, and am going to take vocal and violin lessons next summer. I have a little Shetland pony that I ride to school every day, except when papa takes me to school in the car. I like to go to school. I am in the eighth grade. I have no sisters or brothers, and I get very lonesome, but I get every thing I want, but that doesn't take the place of a sister or brother. **Garnet Ralston.**

San Toy, O., Aug. 23, 1916.

Dear Mr. Park:—I am a girl of 10 years, and live on a farm of 120 acres. I have one sister 22 and a brother 21 years of age. I have two pet rabbits. I call them Bunny and Dovie. I have a cat I call her Bridget. And a dog called Shep. I go to Sharp Ridge school and am in the fourth reader. I like your magazine very much and love to read the Children's Corner and "Betty". **Opal Bailey.**

Eagleport, Ohio., Nov. 17, 1916.

Dear Mr. Park:—I am a country girl ten years old and am in the fifth grade at school. We have an organ in our school. I love to read the Children's Corner very much. We have 2 horses, 1 cow, and 4 pigs. I go one-half mile to school. I have 3 brothers and 3 sisters. I love flowers of all kinds. I would like to hear from any of the little readers and would answer. Will close with a riddle:

Higher than the moon
Higher than the trees
O whatever can it be?

It is a star.
Vena H. Devore.

R. 2, Pittsfield, Pa. Nov. 1, 1916.

Large-Flowered Sweet Peas.

One Pound 95 cents. 1-4 pound 25 cents. 1 ounce 10 cents. Large Premium packet 10 cents. Small packet 5 cents.



I offer a special mixture of the finest Sweet Peas in cultivation, including the most beautiful varieties in the Grandiflora and Spencer classes. All the known colors and variegations are represented, and are included in careful proportion. There can be no better mixture offered, no matter at what price, and those who secure and plant Sweet Peas of Park's Special Mixture cannot fail to be delighted when the vines begin to bloom. The flowers are freely produced in large clusters, on long stems, and are exquisitely fragrant. They are wonderfully showy in the garden, and unsurpassed for cutting. Order and plant early to get best results. Cultural directions sent with each package.

Mr. Park:—I had beautiful Sweet Peas from your Large-flowered Special Mixture. I planted the seeds in a trench along the fence in the garden, and they were a sight to remember until the middle of July, when they dried up from lack of moisture. Mary L. Sherwood, Leon, Kas., Dec. 7, 1916.

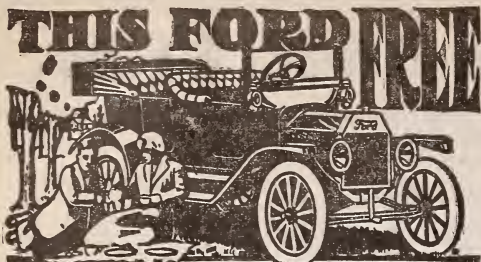
Mr. Park:—I had the loveliest Sweet Peas this year, raised from seeds I bought of you. I had a double row sixteen feet long, and the flowers were large, in fine clusters, deliciously fragrant, and of so many shades and colors. Mrs. Irvin Stone, Port Allegany, Pa., Dec. 5, 1916.

Mr. Park:—I will not soon forget my delightful experience with a five-cent package of your Mixed Large-flowered Sweet Peas. There were no two alike—the grandest display of colors I ever saw. I cut the flowers every day, and had fresh flowers for my rooms, and many to give to friends.—Mrs. Jno. C. Coen, Noble, Ill., Nov. 25, 1916.

Order this month, and plant as soon as the ground can be worked, as the young plants are not injured by frost. Club with friends. A large premium packet of the mixed seeds with Park's Floral Magazine for only 15 cents. Club of 7 only \$1.00, and the one who secures the club will receive the Magazine a year, a premium packet of Sweet Peas, and 25 Splendid Mixed Gladiolus or six superb Fringed Begonias.

GEO. W. PARK, La Park, Pa.

Park's Floral Guide. THIS VALUABLE GUIDE to the selection and culture of seedling flowers is now ready to mail. It is entirely re-written, giving much new information, and offers a wonderful variety of choice, tested, reliable seeds at the usual low prices. If you have not received a copy send for it. It is free for the asking to those interested in flowers. Address **GEO. W. PARK, La Park, Pa.**



Send No Money Just Your Name

You don't need money to get an automobile. Let me give you one of my brand new, never used, latest model, five-passenger Ford Touring Cars, absolutely free of charge. I have given away dozens of them. You might as well have one, too. If you have no auto and want one, send me your name right away and say: "I want one of your free Ford"—a postcard will do. Rhoads Auto Club, 368 Capital Bldg., Topeka, Kas.

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SEND 10 CENTS to help pay postage and packing and receive this big Introductory Collection of Pansies; guaranteed to please, and our handsome Seed and Plant guide. To help you grow the biggest and finest flowers we will mail you our Pansy booklet FREE. Mention this paper. Send to-day. Don't wait. GREAT NORTHERN SEED CO., 2351 Rose St., Rockford, Illinois

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And 2 Packets Seeds

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PEERLESS—Rosy white, flesh center.
MRS. FRANK BRAY—Ecu shaded coppery pink.

MRS. CHAS. HUNTER—Rosy crimson.
THE QUEEN—Extra large white.

1 PKT. PANSY, GIANT TRIMERDEAU—Splendid French strain.

1 PKT. DAHLIA SEED, mixed, New Century, Single, Striped, Black, Cactus and Double. As easily grown as Zinnias.

The retail value of the above collection is \$1.00. It is yours for Six Names of real home-owning flower lovers and 25 cents.

SPECIAL OFFER: I will send the 4 Roses in 2-year size (retail value \$1.55) and the 2 pkgs. of seed all postpaid for only \$1.00.

I catalog nearly 400 roses, all the newest and best. Dahlias, Ferns, all sorts of house plants, etc. Catalog Free.

MISS JESSIE M. GOOD, Florist

Seedswoman, Dahlia Specialist Box 128 SPRINGFIELD, OHIO

New Beautiful Fern "Fluffy Ruffles"

Newest, daintiest and loveliest of the ostrich plumed type. Strong, vigorous, hardy—will grow and thrive in any home. Makes whole house cheerful.

4

Fancy Ferns 35c
Postpaid for 35c

One Fluffy Ruffles and 3 others—The Boston, arched and interlaced with long, sword like fronds; Emerald Feather, a drooping, feathery sort; and a Dainty Table Fern, a fitting ornament for any nook or corner.

All Nice Growing Plants. Will quickly grow in size and value. Send 35 cents today for these four fine ferns together with our complete catalog of desirable Seeds, Plants and Bulbs.
Iowa Seed Co., Dept. P. Des Moines, Ia.

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Send 10c to pay packing, postage, etc., and we will mail these 10 pkts. selected seeds with full instructions, in a 20c premium envelope which gives you more than the seed FREE

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FREE

Write today for 20 pkgs. Art Post Cards to sell at 10c per pkg. When sold send \$2.00 and get your choice of presents.
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An exquisite Rose Book, printed in natural colors FREE. Explains rose and flower success and how to get "Baby Doll," sensational crimson and gold Rose Bush free. Write for book. HOOSIER ROSE CO., Box 226, New Castle, Ind.

PARK'S FLORAL MAGAZINE

ESTABLISHED 1871

A MONTHLY JOURNAL OF FLORICULTURE

Vol. LIII.

La Park, Pa., February, 1917.

No. 2.

FEBRUARY.

Oh, icy hand of February bold!
You make all nature shiver with your cold;
You care not whether birds or brooklets sing,
But while your gems are bright you moan for spring.
Minburn, Ia. Mrs. B. L. S.

DOUBLE TUBEROUS BEGONIAS.

THE IMPROVED strain of Double Tuberos Begonias yields beautiful, large, perfectly double flowers. Started in pots early in spring the plants will bloom throughout the summer and autumn months, and never fail to elicit the enthusiastic admiration of those who see them. The colors range from white through shades of red to dark crimson, and from cream color to deep orange. In a place somewhat sheltered from the hot sun and severe winds the plants bloom well in a bed outdoors. In potting, the tubers should protrude somewhat above the soil and a dressing of coarse, sharp, clean sand can be used as a covering to the depth of three-fourths of an inch, or not more than one-half inch above the crown of the tuber. Do not cover with soil, as it is likely to cause the tubers to decay. The plants require a rich, porous, well-drained soil. A good compost is made of two parts sharp sand, one part leaf-mold, and one part fibrous loam, with a little thoroughly decayed manure intermixed. After

potting or bedding water sparingly until growth begins, when the supply of water can be increased.

Those who plant Double Tuberos Begonias for the first time are often disappointed because all of the flowers are not double. It should be borne in mind that only the staminate flowers are double. The pistillate flowers are always single. For this reason the plants bear double and single flowers at the same time. The single flowers are large, graceful and waxy in texture, and in many respects are as desirable as the double ones. However, if they are not wanted they can be cut away. In

autumn, when winter approaches, the plants begin to turn yellow and look shabby. Water should then be withheld and the tubers allowed to ripen. When the soil is well dried, the pots containing the tubers can be set away in a dark closet where the temperature will be about 50°, and allowed to remain there until spring, when the tubers can be taken out, repotted, and started into growth. Those grown in beds can be lifted, dried and packed in thoroughly dried sand or sawdust, and the boxes placed in a room or cellar where the temperature will be about 50°. They will not have to re-



DOUBLE TUBEROUS BEGONIA.

main in storage more than four months until they can be taken out, placed in trays of sand, and started into growth, ready to be set out again as soon as danger from frost is past. Protect the plants from the air for a few days after bedding them out.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 10 cents for 1 year, 25 cents for 3 years, or 50 cents for 6 years.

All communications relating to advertising should be directed to J. M. Fogelsanger, 612-614 Chestnut St., Philadelphia, Pa., who is the advertising representative.

[Entered at La Park, Pa., postoffice as second class mail matter.]

February, 1917.

Clematis Hybrids.—The hybrid varieties of Clematis Jackmanii are not reliable, and often when the plants seem strong and thrifty in summer they will suddenly wither and die without any apparent cause. In preparing the soil for plants mix some lime with it, and if possible give a northwestern exposure. The cause of these Clematis suddenly dying is not known, although various theories have been suggested for their uncertainty. At best the plants are usually of short duration.

Latania Borbonica.—This is an easily grown Palm. Give it a soil composed of sand, leaf mold and fibrous garden loam, equal parts, well mixed, with good drainage. Water rather sparingly until growth begins, and keep the atmosphere moist by shallow pans of water placed upon the radiator, register or stove. In summer set the plants out upon the east side of the house or upon an east porch, where it will be partially shaded from sun and wind, and cover the soil with sphagnum moss. If the plant is in a pot set it inside of a larger pot, and place sphagnum moss between, also over the soil. An occasional watering with lime water, say once or twice every six months, will be found beneficial.

Impatiens Holsti.—The beautiful hybrids of Impatiens Holsti range in color from white to deep purple, and are among the best of pot plants for blooming in the window, either in winter or summer. They bloom freely and continuously. The plants, however, will not bear a tenacious, wet soil, nor will they bear extremes of heat and cold. They like a shady situation and a sandy, porous soil and good drainage. If the soil is tenacious and the drainage insufficient, the plants are liable to be flowerless, or if buds appear they will fall off prematurely



IMP. HOLSTI.

Instead of remaining on and developing finally into flowers.

CALLA LILY.

CALLA TUBERS should be set an inch or two beneath the surface, as the roots develop around the crown of the tuber. Use a sandy compost and water sparingly until growth begins, then apply water freely. Give the plant a partially shaded situation and avoid a dry, hot atmosphere. Use a five-



or six-inch pot, according to the size of the tuber. If the tuber is one inch or more in diameter it will usually bloom shortly after it is potted. Avoid the use of fertilizers until the flower buds appear.

Diseased Geranium.—Mrs. Russell, of Illinois, sends a Geranium leaf that is affected by a fungus, that turns the leaves brown and causes them to drop off. She should gather the affected leaves and burn them, then dust the remaining foliage with sulphur and fresh-slacked lime, equal portions mixed, applying through a dust bag upon both sides of the foliage, so as to distribute it evenly and thinly. Do not let the sun shine upon the leaves while the material is upon them. Some of the same material should also be stirred into the surface soil. A shallow pan of water upon the register or radiator will moisten the atmosphere of the room, and promote the health of the plants. Some Sphagnum Moss placed over the soil in the pots will also have the same effect. When plants are healthy they are not so liable to be attacked by a fungus.

Insect Scale.—The scale insect affects such things as Oleander, Ferns, etc. Where a Fern is badly infested cut away the fronds close to the ground and encourage the growth of new, healthy fronds. On shrubby plants brush the scales loose and syringe with Quassia Chips tea as warm as the hand will bear.

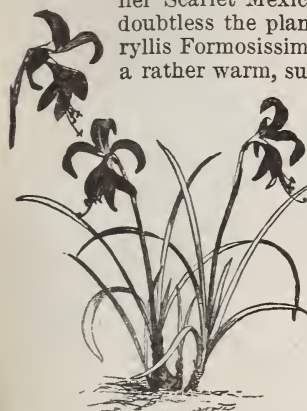
Branching Aster:—Do not fail to have a bed of this Aster. It is one of the best.

FOR ROSE PESTS.

A GENERAL REMEDY for Rose pests is lime-sulphur solution. Early in spring, before the growth begins, spray the plants with lime-sulphur solution, one part to seven parts water. Later, when the leaves are partly developed, spray with the solution, one part to fifteen parts water. Ten days or two weeks later spray again with the same solution, adding one ounce of arsenate of lead to each gallon of water, and continue to spray with this material every fortnight until the flowers begin to develop. This, if effectually applied, is a complete remedy for nearly all the enemies of the Rose. It will destroy scale, green lice, thrips, leaf-hoppers, white flies, carpenter bees, slugs, red spiders, Rose bugs, and in fact all sucking and chewing insects that trouble the Rose. It is also a remedy for mildew, black spot, and other fungus diseases. It should be applied so that the spray will be thoroughly distributed upon the under side of the leaves, as well as upon the surface of the leaves and the stems and branches.

Amaryllis Formosissima.—A subscriber in Virginia wishes to know how to treat her Scarlet Mexican Lily, which is doubtless the plant known as *Amaryllis Formosissima*. The bulb likes a rather warm, sunny situation and

loose, porous soil. It should be bedded out in the spring, setting it six inches deep, the covering being chip dirt, leaf mold and sandy, loam. It is a summer-blooming plant. In the autumn lift the bulbs, dry them off and keep



them until spring, then replant them. This bulb can also be grown in a pot, drying it off entirely in autumn, and starting it into growth in the spring, when it can be either repotted or the pot set inside of a larger pot with Sphagnum Moss between. Water freely during the summer.

Resetting a Rose.—A large, old Rose can be removed to another place if desired. Cut back the top early in spring, about the time the peach trees are in bloom, and while the earth is quite moist. Then, choosing a damp day lift the plant, using a strong spade, and securing as many of the roots as possible without mutilation. In planting heel the earth firmly about the roots, water well, mulch with leaves or stable litter, and shade from the hot sun by placing a shingle upon the south side. It is important to cut the tops well back to insure a liberal growth. This should not be neglected.

DAHLIAS NOT BLOOMING.

IN SOME SEASONS the Dahlia does not bloom satisfactorily, even under favorable conditions. The season of 1916 was generally unsatisfactory, even among extensive Dahlia growers. There is also a difference in the blooming qualities of the different varieties. Some kinds bloom freely under unfavorable conditions, and develop their flowers perfectly; others bloom sparingly and the flowers are more or less undeveloped. In a tenacious, clay soil, and even in a sandy soil that has not been freely cultivated, a dressing of fresh-slacked lime will be found beneficial. The Dahlia does not bloom well, as a rule, in soil that is charged with acid, and this explains the benefit which comes from an application of lime. The plants always bloom better in a



DOUBLE DAHLIA.

sandy, porous soil, than in one that is tenacious and poorly drained.

Occasionally the tubers of Dahlia are attacked by an enemy which eats into and destroys them. The lime will be found a remedy for this enemy, especially if applied late in autumn, after the bed has been spaded up and made porous. The frost will, in that case, be able to enter the ground to a greater depth, and this will be found a remedy also.

Sometimes Dahlia stalks are entered by the larva of an insect, which works in the center of the stalk, going either up or down, and the first intimation of its presence is the wilting of the foliage. There is no remedy for this enemy, except to watch the plants and cut out the "worms", then bind up the wound with strips of cloth until the stem regains its normal condition.

Freesias after Blooming.—After Freesias are through blooming continue watering until the tops begin to die, then withhold entirely and set the pots in a dry, cool cellar. In August repot the bulbs and start them into growth. They will bloom year after year when thus treated.

FLOWERS THROUGHOUT THE SEASON.

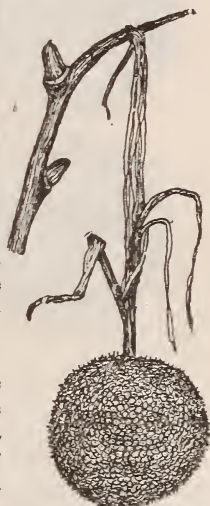
THERE ARE TREES, shrubs and plants blooming at different periods that if used in a collection will afford bloom continuously for nine months of the year.

Trees: The earliest-blooming tree is the Elm, the flowers of which develop often before the snow disappears in the spring. This is followed by the red-flowered Maple, then the yellow-flowered Maple, Redbud, Thorn, Crabapple, Cherry, Buckeye, Tulip Tree, Linden, Aralia Spinosa, Sophora Japonica and the Ailanthus or Tree of Heaven, which in autumn is covered with large, bronze-red panicles of seed vessels. About this time the scarlet fruits of the Thorn



LINDEN BLOOM.

appear, and the flaming red leaves of the Black Gum, and after the foliage has fallen the black berries of the Gum are in evidence, and upon the plane tree or Sycamore we find the showy seed balls swinging in great abundance from every little twig and branch. These remain upon the tree until spring. During the period from early spring until winter there are many other trees which come into bloom, which have not been mentioned, such as the Black Locust, one of the most beautiful trees, whether for foliage or for bloom; the Japanese Paulownia, which bears large, purple clusters and immense leaves, and the Magnolia Acuminata or Cucumber Tree, which blooms late in summer, and in autumn shows its lovely red cucum-



SYCAMORE BALL.



SPIREA VAN HOUTTE.

bers or seed vessels, which later burst open, showing the bright scarlet seeds.

Shrubs: The earliest of all shrubs are the *Alnus serrulata* and the Pussy Willow. These are harbingers of spring, and, though modest in appearance, are cordially welcomed after the long, dreary winter months.

They are quickly followed by the Hazel-bush, the Forsythias or Golden Bells, the sweet-scented Currant, *Spiraea Prunifolia*, *Viburnum Prunifolium*, *Spiraea Van Houtte*, *Spiraea Reevesii* and many other *Spiraeas*. These are followed by *Deutzias*, *Philadelphus Coronarius*, *Philadelphus Grandiflorus*, *Weigela Rosea*, *Weigela Eva Rathke*, *Kerria Japonica*, Hall's Honey-

suckle, roses of various kinds, some of which will bloom more or less throughout the season; *Clematis Jackmani*, *Clematis Virginiana*, *Clematis Viticelli*, *Clematis Paniculata*, all which are more or less shrubby and very free-bloom-



ALNUS SERRULATA.

ing from about midsummer. Later *Hydrangea Arborescens sterilis* develops its immense feathery panicles of creamy-white flowers. The *Althea*, *Hibiscus Syriacus*, blooms throughout the summer and early autumn, showing large Hollyhock-like bloom of various colored flowers, and *Hydrangea Paniculata* develops its big pyramidal panicles early in autumn, changing gradually to a bronzy-red, the panicles remaining in their beauty until the frosts of winter.

About this time the *Berberis Thunbergi* changes its foliage to a glowing carmine, remaining so for 10 days or two weeks, and when the foliage falls the branches are adorned with wreaths of scarlet berries. *Ligustrum Ibotom* blooms in summer and is covered with black berries throughout the autumn and winter. *Sambucus Pubeus Maxima*, the Giant Elder, blooms in summer, and bears its big clusters of fruit in autumn. A beautiful shrub that blooms in



DEUTZIA CRENATA.



HAZEL BLOOM.

summer is the dwarf Horsechestnut, known as *Pavia Macrostachya*. The latest-blooming shrub is the Witch Hazel, the flowers of which are yellow and develop in November. Upon the approach of winter the native *Ilex Verticillata* shows its beautiful scarlet berries, which remain in beauty until the holidays.

With a judicious selection of these and other flowering shrubs, a constant display of bright flowers and fruits may be had from early spring until midwinter. A list of flowering plants for a continuous garden display will be given next month.

Non-blooming Geraniums.

When Geraniums are kept in pots for a year or longer without producing flowers, bed them out in the spring when danger from frost is past, in a rather sunny bed of sandy soil, and let nature care for them. If there should be a prolonged drought, however, and the plants begin to wilt, give them a thorough watering, and mulch the ground with stable litter. If the soil needs a fertilizer, bone dust or phosphate should be used instead of stable manure.

A NEAT KANSAS HOME.

IN PASSING THROUGH Kansas upon the train the eye of the tourist is especially attracted by the luxuriant growth of trees and shrubs and vines, and the almost perfect development of the flowers which adorn the thrifty homes. The reader, therefore, will be interested in the illustration given herewith of the home of a Magazine subscriber in Columbus, Kansas, taken September 12th last. The building is of neat design, and the place is turned into a cozy, attractive home by the verdure and bloom with which it is surrounded. In front is an Ash tree, graceful in form, and casting a delightful shade over the front lawn. At either side are trees equally handsome, but do not appear in the picture. A Peach tree with its pretty, drooping leaves is at the right,

home—a home that anyone may well feel proud to possess. It is to be regretted that the engraving does not show the details as did the photograph, but sufficient is represented to indicate the beauty of the place, and the cozy attractiveness brought about by the æsthetic use of trees, shrubs and flowering plants.

Narcissus Bulbs after Blooming.—Paper White and other Narcissus bulbs that have been grown in water to bloom during winter are hardly worth preserving, as they will not bloom another season. In a mild climate the bulbs may be put out in the garden, where they will recover their vitality, or rather where new bulbs will be formed that will bloom in the course of two or three years. The hardy Narcissus can be put out in the garden at the north, but Paper White and Double



HOME OF T. M. GRESHAM, COLUMBUS, KAN.

and adjacent is a row of Cannas. Near to this is a vase of Wandering Jew, surrounded by blooming Asters. The end of the house is decorated with a luxuriant Climbing Rose that becomes a mass of bloom in mid-summer. The pillars of the porch are adorned with pretty blooming vines, and three porch boxes, containing Wandering Jew, Ferns and trailing vines, together with Geraniums, Fuchsias and other blooming pot plants. A group of Climbing Nasturtiums adorn the base of the tree, and the left side of the porch is made attractive by such climbers as the Maderia Vine, Japanese Morning Glory, etc. In the rear is the Rose garden which cannot be seen in the picture.

The whole effect indicates the attention and care of a skillful hand, which has transformed a modest building into a cozy and beautiful

Roman Narcissus are not hardy at the north. These bulbs, however, are sold at two or three cents apiece, and it does not justify anyone to trouble with them after they have bloomed. They might as well be discarded, and new, sound bulbs obtained again another year.

Leaves turning Brown.—A subscriber in Maryland complains that the lower leaves of her Geraniums turn brown and drop off, and also that her Chinese Lilies turn brown at the tips of the leaves and become unsightly. This is doubtless due to a dry, hot atmosphere. To moisten and cool the atmosphere in the room place shallow, open pans of water upon the register, radiator or stove for evaporation. This will make the atmosphere congenial to the plants, and also more congenial to persons who occupy the room.

ABOUT YUCCAS.

YUCCAS ARE readily started from seeds or from the large, fleshy roots of the older plants. Seedlings require several years to become blooming plants, but they then stool out and form a clump of underground stems, which develop into blooming stems in successive years. After one of these stems has bloomed it might as well be cut away to permit the strength to go into the other stems, as it



YUCCA.

will not bloom again. A Yucca plant pushes its roots down deep in the earth, and it will, therefore, endure drouth better than almost any other plant. It is perfectly hardy, and there is always sufficient strength in the fleshy roots to insure the life of the plant, even if the fibrous roots were entirely destroyed by drouth.

The plant is excellent for the cemetery, as it does not mind neglect, and will grow in the poorest soil. The flowers are also appropriate for cemetery decoration, being pure white and appearing as drooping bells upon a tall, branching stem. The stately, attractive green foliage is evergreen, and showy summer and winter. It is especially useful for yard or cemetery decoration, and can appropriately be used with such evergreens as Laurel and Rhododendron.

Fruit of Japonica.—A subscriber enquires if the fruit upon her Japan Quince or Japonica is edible. It is not poisonous, and she can determine its value as an edible fruit by eating of it. It is well-known, however, that the common quince is hardly edible raw, though it makes a jelly that is unsurpassed, and is excellent for canning, preserving and pickling. The Japan Quince, also, may have some value in the same way.

Wax Plant.—When a Wax plant fails to bloom, water it sparingly for two or three months, just enough to keep the roots and plant from shriveling. At the close of the resting period stir some bonedust into the surface soil and gradually begin watering. Give the plant a warm sunny window.

Moles.—To get rid of moles, gophers and field mice set little spring traps in their runs. Sink the traps a little below the runs so that they will not dig under them. Bait with a piece of Tulip, corn, etc. Moles do not eat bulbs, but the gophers and field mice are very destructive.

ACALYPHA SANDERIL.

THIS IS A beautiful evergreen shrub, with large, handsome leaves, and axillary, pendant racemes of rosy flowers, appearing like fluffy carmine tails. When the plants are well cared for they grow vigorously, and these tails develop to the length of two feet, making an exceedingly showy display. To grow vigorously the plants should be shifted into larger pots as they develop, and given rich porous soil and a rather sunny situation. They will not endure cold and are injured by a frost. If a plant becomes chilled and the leaves drop, it is well to cut it back almost to the ground, and water rather sparingly for a while, until it begins to grow, when water may be more freely applied. It likes a porous, sandy compost, and good drainage. When the plant becomes inactive, withhold the water for a period, but do not allow it to dry off, as you would dry some of the bulbous plants. The plant blooms almost continuously. When new growth develops and new flower stems begin to push out, they are sometimes green or only sparingly tinted with red.



ACALYPHA SANDERIL.

When this occurs stir some iron filings into the surface soil, or secure some of the sweepings from the blacksmith shop and stir into the surface soil. This will develop the bright carmine color, and promote the beauty of the foliage as well. It is generally grown in pots as a window plant, but at the south, where there is but little frost, it could be bedded out to good advantage, and would become a beautiful specimen from six to ten feet high, branching, and bearing its beautiful, long, fluffy tails from the leaf axils of each branch.

Starting Roses.—Baby Rambler and other Roses can be started by making cuttings during the winter, from four to six inches long, bunching them and burying in soil where they will not be subjected to frost. Allow them to remain there until spring, then take them up and insert in sandy soil in a somewhat shaded place. The cuttings will usually be found caloused in the spring, and will soon develop roots and begin to push out growing buds. Allow them to remain in the bed where they are inserted until autumn, or even until the following spring, unless they make a vigorous growth and you wish to have them transplanted to where they are to grow and bloom.

CHOICE GLADIOLUS.

THE NEWER varieties of hybrid Gladiolus are very beautiful and desirable garden flowers, easily grown, showy, free-blooming, and fine for cutting. They exhibit a wide range of colors, from pure white to blue, from flesh color to deep crimson, and from sulphur to deep orange, many showing several of these colors distinctly and pleasingly contrasted in the same flower. Improvement in these flowers has been steadily going on, and every year we learn of novelties that

of pleasing green. This will keep the soil cool and moist, and be a means of hiding its unsightly appearance.

The culture of Gladiolus was, for some years overdone in Holland, and the growers found, recently, that they could make more from their soil by growing vegetables for the German warriors, so the Gladiolus industry was neglected. In consequence the wholesale price of the bulbs this season is about five times what it was formerly. The price, however, will not deter the admirers of these flowers from securing some of the choice varieties for



A GROUP OF FLOWERS OF CHOICE GLADIOLUS.

are superior in many respects to any of the older varieties.

The culture of Gladiolus is very simple. Any good soil in a sunny situation will develop the spikes, and the bulbs can be successfully planted from early spring until the first of July. In the south they can be planted in autumn. Plant in rows a foot apart, eight inches apart in the rows, and five inches deep. Keep the soil well worked until the spikes appear, then the bed can be mulched with stable litter and cultivation neglected. If desired a carpet plant, such as Kenilworth Ivy, can be set among the rows to cover the soil with a mass

a garden display, and to supply flowers for room and table decoration, for which purpose they are hardly surpassed by any other summer flower.

For a North Window.—For a north window where the plants get but little sun use Chinese Primroses, *Lopesia rosea*, *Begonia Erfordi*, *Calla Lily* and such bulbous plants as *Hyacinths*, *Narcissus* and *Muscari*. For bracket pots or for a hanging basket, *Kenilworth Ivy* is unsurpassed; it will grow in the most dense shade, and hang gracefully in long, leafy sprays.

Editorial Letter.

MY DEAR FRIENDS: I want you to come with me to the greenhouse this crisp, bright morning. As we go we have before us a typical winter landscape. Over on the hillside there are patches of snow which the sunrays have not visited. A sheet of ice covers the lake in the farm grove, where, in the branches of the big trees the crows are holding a convention and engaged in a noisy discussion upon some important topic in crowdom. The giant Sycamore by the water's edge is shrouded in white, the Willows near it extend polished fingers of gold, and the Kinnikauick, at the Willow's base, is donning its crimson dress for the advent of spring. Already the leaning old Maple near the path is swinging its swelling red buds, and the empty nest in its branches reminds us that soon we will be greeted by the returning birds. It is the dead of winter in our northern clime, and I cannot show you any garden flowers, but is there not a charm in the trees and shrubs and vines as they speak to us of past joys, and give promise of a glorious future! We look and listen for the signs of happy returning spring, and the sweet memories that come to us as we tread familiar paths, with the anticipations of the glad scenes and associations that shall be ours in the days near at hand; these bring to the mind pleasures that are equalled only by the presence of spring itself.

But here we are at the greenhouse door, and as we enter we are greeted by the fragrance of the tropical flowers in bloom. As usual, one of the attractive things is the beautiful vine, *Thunbergia grandiflora*, which drapes a rafter and pillar, a mass of lovely green foliage, against which the exquisite big pale blue flowers in clusters make a fine display. This is the best blooming greenhouse vine with which I am acquainted. The plants begin to bloom when small, and are never without flowers during winter and spring. Often in summer we find many clusters of bloom, and no matter at what season they appear they are enthusiastically admired.

Just beyond the *Thunbergia* is the big Pas-

siflora *Pfordtii*, beautiful in foliage, and covered with buds. This vine produces buds freely at all seasons, but it requires a warm temperature to develop them. In winter most of the buds drop off, as the temperature of the house in which it is growing is too cool to suit it, although its near companion, the *Thunbergia* mentioned, develops its flowers perfectly. But in the ordinary sitting room this *Passion* vine would, doubtless, develop its flowers perfectly, as the living room temperature is mostly kept at 70° in daytime, and rarely runs below 60° at night.

As we pass along the walk I want you to notice the showy scarlet clusters of *Asclepias curassavica*, a rare plant, but one that would be in every winter-blooming collection if its

merits were known. These plants are not without bloom at any season of the year, summer or winter, and they will endure neglect that would destroy many other plants. A year ago I planted one at my Florida home, and it is developing into a clump, and so far as I know is always in bloom. The bloom is sometimes succeeded by long seed-pods, and when these ripen the brown seeds with their soft cottony plumes are revealed, curious and pretty.

Here is a block of small blooming plants that if you were a little distance away you would enquire "Are those little plants on the other bench *Fuchsias*."

They are not *Fuchsias*, but *Fuchsia*-like *Begonias*, known as *Fuchsiaoides*. It is a winter-blooming *Begonia*, with crimson-carmine flowers in clusters, pleasing and attractive. Although an easily grown plant it is not common in *Begonia* collections.

Beyond, at the end of the bench, the mass of white flowers is *Eupatorium riparium*. This is a free-blooming plant, the flowers appearing in clusters in great profusion, and very useful for cutting. If you give the plant a modicum of attention you cannot keep it from blooming. It is always dependable.

Groups of *Lantanas* in bloom may be seen in various parts of the greenhouse. The plants are free-blooming and ever-blooming, and will bear much neglect. They do not mind drought in summer, or mild frosts in winter. In Florida they bloom continuously, even as far north as Palatka, and at the north many persons are using them for bedding plants in summer, where facilities for wa-



tering during dry weather are not at hand. The newer varieties are of compact growth, bear large flowers in large clusters, and in a bed become a sheet of bright color.

Planted in the ground at the east side you will notice a mass of vines richly adorned with purple clusters. This is *Borgainvillea glabra*. It is a shrubby vine of easy culture, and never fails in winter to produce its small white flowers surrounded by large, showy bracts, which are the attractive part. The plant may be cut back and grown as a standard, and in full bloom is as showy as an *Azalea*, and more easily cared for.



LANTANA.

Near this vine, bedded in the ground are several large plants of *Abutilon* that are rarely

without bloom, especially in winter. One of these is scarlet-flowered, and is probably the most attractive of the hybrid varieties of *Abutilon*. Grown in pots all of the newer varieties of *Abutilon* are desirable as window plants, because of their graceful flowers and com-



ABUTILON.

pact, free-blooming habit. Next month I will tell you more about the flowers that are especially to be commended for their beauty and ease of culture, and that are generally satisfactory in the hands of the amateur florist. Until then I am,

Florally

LaPark, Pa., Jan. 31.

Geo. W. Park.

Freeseias.—*Freesia* bulbs should be potted in sandy, porous, well drained soil. They are not adapted for growing in water. The bulbs should be set a quarter inch beneath the surface and watered sparingly until roots form and growth begins, when the supply of water should be increased. During this period the pots may occupy a retired situation, but when growth begins set them near to the glass, or where they will get plenty of light, otherwise they will become spindling and the flower buds may blight.



Scale on Cyclamen.—When scale attacks *Cyclamen* bulbs simply spray them with lime-sulphur solution. A wash made of equal parts quick lime and sulphur might be equally effective.

IMPATIENS SULTANA.

THIS BALSAM and the one known as *Impatiens Holsti* are in many respects similar, and among the most beautiful and dependable of window plants, while they grow and bloom satisfactorily out-doors in a moist, somewhat shaded situation, during the summer months. The plants are from South Africa, and will not endure cold. If they become chilled the foliage will drop and the plants will lose their vitality, often remaining in a stunted condition for weeks. Under these circumstances it is well to cut them back and water sparingly until they begin to revive. They should be given sandy soil and plenty of water during the growing season.

Occasionally the buds will turn brown and drop off just when they are ready to develop



IMPATIENS SULTANA.

into flowers. This is mostly due to the soil being in a stagnant, sour condition. If the soil is sandy, allow it to almost dry out, then water freely with lime water as warm as the hand will bear, applying the water until it flows freely from the drainage hole at the bottom of the pot. This will sweeten the soil and very soon the plants will regain their normal condition. If the soil is tenacious, repot in sandy, porous soil with good drainage.

Propagation may be effected either by seeds or by cuttings. The plants quickly come into bloom, and the flowers increase in abundance as the plant increases in size. The new hybrids of *Impatiens Holsti* are especially desirable, as the flowers range in color from white to scarlet and deep crimson-purple, some showing a red eye, and some showing variegated petals. The foliage is always fresh and green, and the plant rarely has an enemy. It is alike valuable for blooming either in summer or winter, and is one of the most desirable of our everblooming garden and window plants.

Snapdragons.—Sow the seeds early in a window-box or hotbed for early flowers. Sown later the plants will bloom in autumn. They are hardy, and will bloom for several years. Many persons start plants from cuttings when they get a plant that is especially desirable. Cut the spikes to prevent seeding and the plants will bloom continuously.

CHILDREN'S LETTER

MY DEAR CHILDREN:—It will be but a few weeks till you will want to start the plants for your beds or garden, so I will tell you of some seeds that you should get.

Phlox is one of the best. You will be sure to get plants from the seeds, and you should set them a half-foot apart in a rich bed, where the sun will shine upon them all the day. They come in a score of hues, are in big, dense heads, very sweet, and make a great show when in bloom. They grow not quite a foot high, branch, and fill all the space in the bed. The seeds should come up in ten days from the time they are sown.



PHLOX.

You will not err if you buy and sow of a good strain of Phlox. To edge the bed use Sweet Alyssum; the plants are a mass of bloom all the time.



ZINNIA.

in the seed bed, for every good seed will grow, and the young plants, when they show four or five leaves, are sure to live and grow when set in the bed. As a rule, folks who plant Zinnias mix the hues in the bed, but for a bright, rich show the half-dwarf scarlet sort has no rival. It is, by all odds, the best. To edge the bed use Dwarf Snowball Pe-tunia.

And now you will want some seeds easy to start that will look well and bloom well in a group or row or screen. One of these is *Lupinus hirsutus*, known as Old Man's Face, a name that



OLD MAN'S FACE.

tells you what the seeds are like. The small sketch was made from three of the seeds. Are they not the faces of old tramps? And do

you not think they should have a shave? The odd seeds are brown in shade, and are held in big, bean-like pods till the door of their room bursts open and they jump out. The plants grow two feet high, and the blooms are like those of a Pea or Bean, red and rose and white. Five or six plants can be grown in a bed a foot and a half across. Put the seeds in the



FOUR-O'CLOCK.

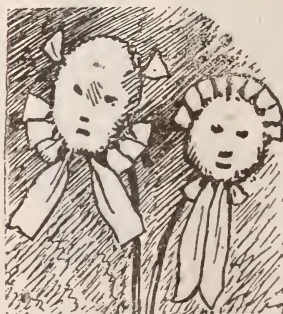
seeds in the ground where you wish the plants to bloom. They like a sunny place.

The Four-o'clock is a plant that will please you. The seeds are large, and the plants grow fast and make a big show of sweet blooms of many fine colors. The roots are like those of Beets, and are often odd in form. If dug up in the fall, dried and stored in a cool place free from frost, they can be set out in the spring, and will push up strong plants that will bloom in June, while yet plants grown from seeds will be but a few inches high. [See engraving.]

Of course, every boy and girl would like some plants of the big, gay Sunflower. We all like them. They rear their heads of gold so high, and nod and bow and smile as we pass by, that our heart would smite us if we said or thought a word of them but praise. The red and gold, and the new gold with a black eye, are all fine. Some grow tall with a coat of



ROOT OF FOUR-O'CLOCK.



SUNFLOWER FACES.

broad leaves all the way up the stem, and at the top is one huge, bright flower. Some grow like a big tree with three or four buds and flowers upon each limb. Some are dwarf, with green and white leaves. The kinds with full, double flowers are the choice of most folks, but for a screen or hedge or row to hide an old fence or wall those with plain flowers are just as good. By all means get seeds of Sunflowers. They will grow and

bloom well, and make your life bright as well as the grounds about your home.

The Balsam is an old flower that bears many fond memories. I like its odor as well as its



DISH OF BALSAM FLOWERS.

waxy bloom and pretty tints. Every seed will grow and form a plant, and every plant will bloom the whole summer long. When a youth many a glad half-hour I spent with playmates gathering the "geese" that fell from the plants, and setting them in rows as shown in the little sketch. The plants like rich soil and bright



ROW OF BALSAM GEES.

sun, and it is well to trim off some of the limbs to let air and light to the central buds and flowers.

I would urge every one of my boys and girls to get seeds of Sweet Peas. You will want the sweet, rich, long-stem flowers to cut for sick friends, and for a vase or glass in your room. Sow early, in a trench, and cover half an inch deep. Then, as the plants grow, pull the soil in to the vines, till the trench is full. If you grow the plants in this way they will not dry up for want of a moist bed for their roots. A piece of wire fence makes a good trellis,



SWEET PEAS.

and if some tobacco-stems are wound through the fence it will kill green lice, should any be found, and the warm rains will carry some of the strength of the weed to the soil, and help the growth of the vines. And now, dear little friends, I will name one more vine which you should have. I would not feel right if I should leave it from this list. Do you know what it is? Just the old-time Morning Glory. There is no vine yet that I would choose in its stead. It was the first vine I grew in my youth, and I shall ever recall the joy that was mine at dawn of day, when I came out to see the grand array of white and rose and blue and purple, scarlet, striped and veined bells as they swung left and right among the big green leaves. Sow the seeds by the wall or fence or house where the vines

are to grow just as early as the ground can be dug, and let them come up when they please. Then put up strong cords to the height of twenty feet. Help the vines to start upon the cords as soon as they want to run, and soon you will have a mass of vines that will be a joy every day for months. They will be truly



MORNING GLORY VINE AND FLOWER.

"a thing of beauty", and the joy you will have will last in sweet memory throughout life.

Your Friend,

LaPark, Pa., Jan. 31, 1917. Geo. W. Park

Liquid Fertilizer.—An excellent liquid fertilizer can be made by filling a barrel almost full with water, and then placing in the water a sack containing about half a bushel of horse manure. Do not stir the sack very much at first, otherwise the liquid will become too strong. When the liquid has been used the barrel can be refilled, and the stronger you wish the liquid the more you agitate the sack of manure. An old broom handle can be used to punch the sack to get the fertilizing substances from the manure. This liquid will cause a vigorous growth of the plants, but should not be used too freely. If free-blooming is desired avoid the use of horse manure, either directly applied or through a liquid fertilizer. Some bonedust or phosphate stirred into the surface soil will do better service and promote the development of buds and flowers

Crinum Powellii.—Crinum Powellii is perfectly hardy, but when the bulbs are allowed to remain outdoors in a cold climate they should be protected, as the frost is liable to injure the flower-germ and prevent flowering. They can be grown in pots as well as bedded out, but if out-door culture is preferred the bed ought to be well protected from frost by a covering of coal ashes, straw, leaves or corn fodder. This Crinum produces beautiful, fragrant flowers and is well worth the little attention which it requires to protect it from frost.

QUESTIONS AND ANSWERS.

White Flies.—Mr. Park: My Pelargonium is covered with small white insects like flies. I cannot find anything to kill them. When I go near they fly away. I have used tobacco water, washing the leaves with it, also with soapsuds, and change the plants from one place to another, but without any benefit. I cannot get rid of them.—Mrs. Hower, O.

Ans.—The so-called white fly is an insect hard to get rid of. It does not mind tobacco smoke nor tobacco tea, and is immune to nearly all of the remedies used for other pests. They seem to work injury by laying their eggs upon the under side of the leaves, thus stopping the breathing pores of the leaves. Perhaps the best remedy that can be applied is lime-sulphur solution in the proportion of one part lime-sulphur to 12 parts water, adding a little fresh-slacked lime to the liquid to give it more body and add to its adhesiveness. Spray this material upon the under side of the foliage or wherever the flies congregate. It will not kill the pest, but will destroy the eggs and prevent the leaves from becoming a breeding place for the pest. Two or three applications at intervals of a week will be necessary to become effective.

Palm.—Mr. Park: I have a Palm which has only three leaves, and as soon as a new leaf starts one of the others dries up. What causes this? I do not know whether to water it oftener or not. It is very pretty, only that it looks so odd with a new leaf coming and one drying up. I have had the plant for over a year, and it has always done the same. I keep it in a sunny window.—Mrs. Koehl, Pa.

Ans.—The Palm requires a sandy, porous soil with good drainage, and when the pot is full of roots a larger pot should be given, or the one in which it is growing should be placed inside a larger pot with Sphagnum Moss between and Sphagnum Moss over the soil. The drying of the leaves is probably due to a hot, dry atmosphere and drying of the roots around the edges of the pot. The best time to repot the plant is in spring when it can be given a moist, shady place out doors after repotting, the pot being plunged in a bed of coal-ashes.



PALM.

Columbine Seeds.—Mr. Park: Will you please tell me how to start Columbine seeds? I have tried several times and never had success with them.—Mrs. McCulloch, Oreg.

Ans.—Columbine seeds do not germinate freely, unless the soil is kept continually wet after sowing in the spring. The seed has an impervious, shiny covering. If they were soaked in warm water for a day before sowing they would doubtless start more readily.

Cycas Revoluta.—Mr. Park: Will you tell me how to treat Cycas Revoluta to prevent it losing its leaves every winter.—T. C. Nighman, N. J.

Ans.—Cycas Revoluta is a tender, herbaceous perennial and naturally loses its leaves during the winter time, just as do the Paeony and Perennial Poppy among hardy plants. The plant likes a sandy, well-drained soil and a warm atmosphere. In the winter it should be watered sparingly.

Scale.—Mr. Park: Many years ago I discovered that an Oleander I had was covered with what you call scale. Upon turning over several with a pin, there were from two to four minute live things in each, which upon investigating with a microscope, I found to be hatching places for the little red spider. I know of no remedy except watching, and rubbing them off. Do you?—Annette Stewart, N. Y.

Ans.—If you will turn over a scale insect you will mostly find it a hatching place for small scale insects. When young the scales are not as large as a red spider, and travel from place to place before they fix themselves upon a stem or leaf. The scale noted, therefore, was doubtless a hatching place for the scale insect rather than the red spider. This pest can be eradicated by brushing the scale loose, and then sponging with soap-suds to which has been added a little kerosene oil, say a teaspoonful to two quarts of suds. Apply as warm as the hand will bear. Two or three spongings at intervals of three or four days will cleanse the plant.



SCALE.

Bulbs in Minnesota.—Mr. Park: How shall I treat Tuberose and Lily Lancifolium after they are potted? Also can Hyacinths be bedded in the garden in the fall in Minnesota?—Mrs. Dow, Minn.

Ans.—Tuberose are tender, and should not be potted until spring. After potting water sparingly and keep in a temperature of 60 degrees until roots are formed and the plant begins to grow, then when danger from frost is past, bed them out in a sunny situation in the garden, or transfer to a larger pot. Lily Lancifolium should be kept until spring, setting the bulb eight inches deep and covering with porous sandy soil. Hyacinths should be bedded in the fall, the bulbs being set about five inches deep, the soil firmed well, and the surface covered with stable litter.

Christmas Cactus.—Mr. Park: I have a Christmas Cactus that has never bloomed. It is pretty and green, and is growing nicely. It was taken from a blooming plant. What must I do to make it bloom? The old Cactus has buds on it now.—F. Hazelip, Ky

Ans.—The Christmas Cactus does not generally bloom well until pot-bound. A small plant should not be put into a larger pot until it is in a four and a half- or five-inch pot, in which it may be allowed to grow and bloom. Plunge it out in a sunny bed during summer and let nature take care of it. In autumn take it up and place it in the window, watering judiciously. Very often too much water is given during the blooming period, causing the root to become diseased and the plant to die.

Geraniums.—Mr. Park: My aunt has trouble with her Geraniums rotting at the roots. Can you give a remedy for this?—Mrs. Darling, Texas.

Ans.—Use a potting compost of two parts sand, one part leaf-mold and one part well rotted manure, with good drainage. When potting mix a little fresh slacked lime with the compost, say one pint to a bushel of compost. Keep the soil stirred about the plant, and water only when the plant is dry, and then water thoroughly.

QUESTIONS AND ANSWERS.

Gas and Plants.—Mr. Park: Cannot one have plants that do well if gas is used for cooking and the door is closed between the well-ventilated kitchen and other rooms while using the gas stove?—A subscriber, Mich., Nov. 12, 1916.

Ans.—Under the conditions mentioned there is no reason why a variety of blooming and foliage plants could not be grown in the windows. Where plants fail to do well under such conditions it is possible that the atmosphere is too dry or too hot for the plants used. An even temperature of from 50 degrees to 70 degrees (not above 70 degrees in the daytime or below 50 degrees at night) ought to suit most plants used for house culture. Such plants should be grown in pots during the summer and autumn with a view to having them for window decoration during the winter months. Plants, however, having a sunny exposure, must not be too freely watered or allowed to suffer from drouth. Very few plants will thrive if the conditions are not favorable for their growth and bloom. Next to direct sunlight for blooming plants, or perhaps more important than a large amount of direct sunlight, is a moist atmosphere. To promote such a temperature place shallow pans of water upon the register, radiator or stove, so that evaporation may provide the necessary condition. Attention should also be paid to the kinds of plants used, as some plants are much more sensitive to cold, to dryness and to dense shade than others. Consideration of these requirements and plants suitable for them will afford the happiest results.

Petunias.—Mr. Park: I have a large, double, spotted Petunia that does not bloom. How shall I treat it?—Mrs. Porter, Iowa.

Ans.—The large-flowered, double Petunia is not a desirable plant for winter-blooming. The single Compact Petunia is much better. The Petunia likes a sunny window or a window with a southern exposure, and will not thrive in a dry, hot atmosphere. Unless the conditions are favorable it can hardly be expected to bloom in the house during winter. If it can be kept over winter, however, and bedded out in a sunny situation in rather gravelly soil that is not too rich, the plant will bloom during the summer.

Tardy Buds.—Mr. Park: I have a Cape Jasmine which bloomed beautifully last summer and is full of buds now, but they do not seem to grow any, but remain the same. What shall I do to cause the buds to open?—Mrs. Rosh, Conn., Jan. 18, 1917.

Ans.—Set the plant in a window with southern exposure, so that it will get plenty of sunlight. Avoid a dry, hot atmosphere in the room, as this might cause the buds to blast.

Gladiolus.—Mr. Park: Will bulbs of Gladiolus sent out in the spring of 1916 and not used, grow and bloom if planted in the spring of 1917?—Mrs. Baker, Tenn.

Ans.—Gladiolus kept out of the ground from one year to another will dry up and prove worthless. Tubers of Anemone and Ranunculus, however, will retain their vitality for a year; but it is better to plant even these within a few months of the time they have been lifted and dried.

Ivy Geranium.—Mr. Park: How can I have success with Ivy Geraniums?—Mrs. Thompson, Mich., Nov. 11, 1916.

Ans.—The Ivy Geranium prefers a lighter soil than is required for the Zonale Geranium, and should be shielded from the hot midday sun, which is often beneficial to certain varieties of Zonale Geranium. Water judiciously, never allowing the plants to suffer for want of water, or from a surplus. See that drainage is good and stir the surface soil occasionally to admit air to the roots. A compost of two parts rotted garden rubbish or sods and one part sharp sand with a little thoroughly decayed manure added, the whole well mixed, will be found excellent for the growth of these plants. The newer, double varieties are more easily grown than the older ones, and much more beautiful. If a variety is found to be difficult to grow satisfactorily, discard it and get another, as there is more or less variation in the growing and blooming qualities of the different kinds.

Abutilon.—Mr. Park: Please tell me why my Abutilon will bloom for a while, then all the leaves fall off and do not come on again? I always thought it was an easy plant to grow.—H. S. Marvin, Wis.

Ans.—All the Abutilons bloom well in winter, especially the dwarf varieties. Perhaps the best of the Abutilons for winter-blooming, however, is Abutilon Mesopotamicum. This is of slender habit and should have a string support, and if grown in a sunny window it will bloom throughout the winter. To have good winter-blooming Abutilons the plants should be started in the spring and potted in small pots at first, then shifted as the plants grow, until they occupy four-inch or five-inch pots. The shifting during summer will promote the growth of roots and tops, and prevent free-blooming. Then in winter, when the shifting ceases, the plants will give entire attention to producing buds and flowers.

Aspedistra.—Mr. Park: Why do the leaves of variegated Aspedistra become all green, and after they become green will they produce striped leaves again? I do not care for the blossoms which come at the root, or for the green-leaved plants.—Mrs. Q. B. Thompson, Mich., Nov. 11, 1916.

Ans.—The plants are likely to retain their variegation when grown in poor soil that is devoid of iron. If bituminous coal is pulverized and mixed with the soil, it will have a tendency to revive and continue the variegation. Avoid the use of ammoniacal fertilizers. If a fertilizer is necessary stir some bonedust or bone-meal into the surface soil.

Corcorus Rose.—Mr. Park: I am sending you a leaf of a so-called Rose, and would like the name. The plant is a shrub, blooming almost continuously during the summer and fall months, and the bushes stay green all winter. They do not have thorns on them like other Roses.—Mrs. Adams, Ark., Nov. 7, 1916.

Ans.—The leaf and flower sent me are of Kerria Japonica fl. pl., known as Corcorus Rose. It is a hardy, free-blooming shrub, desirable for planting among other shrubbery, because of its bright, golden-yellow, double flowers.

GLADIOLUS.

I READ AN ARTICLE a short time ago about Gladiolus bulblets, advising to cut into the outer covering before planting. Now, that would be an exceedingly slow, tedious job. I plant thousands of them yearly. I sow them very thick in rows, and if they don't all come up, enough come up to make thick rows and develop fine bulbs. Sometimes I soak them well, sometimes put them to sprout early, in flats, with just enough earth to cover them; but this year they were sown in the trenches, with no previous preparation. I also



GLADIOLUS PLANTS IN BLOOM.

raise Gladiolus from seeds. I never had Gladiolus seeds in Kansas, but here in Colorado they develop to perfection, and I am hoping to originate some new kinds. It is real fun to watch them from the beginning, and if I do get a fine new one it will be worth all the care.

The newer varieties of Gladiolus are a revelation. America is my favorite, yet Princeps, Panama, Niagara, Baron Hulot, and all the others are marvelously beautiful. They do not increase so rapidly as the commoner sorts, and I feel well repaid for gathering and planting all my bulblets, and in that way I can sell some bulbs each year. Margaret M. Mann.

Boulder Co., Col., Oct. 3, 1916.

Note.—Gladiolus come true from bulblets, and propagation is readily effected by their use. If permitted to dry out they often lie in the ground for a year before starting to grow, and must be protected from frost if the climate is severe.—Ed.

PERENNIAL PEAS.

I WONDER WHY more people do not grow the beautiful Perennial Peas. Three years ago this fall I planted a packet of seeds. Various things befell them, but two survived all disasters. These plants are now growing upon the wire of my kitchen garden. One has delicate pink flowers, and the other pure white ones. Talk about beauty! I have it in them, and the vines grow more luxuriant every year. The exquisite flowers come out from early spring till frost cuts them down. "Trouble," you ask? Not a particle, I reply. I cover the vines with three or four inches of manure in the winter, and dig it in during spring, and that is all the cultivation they get. They are lovely for cut flowers for vases, and for funeral arrangements, as they are very graceful. I advise everybody to get a packet of Perennial Peas in mixed colors and grow them.

Pauline, S. C.

Mrs. Sam. Lancaster.



PERENNIAL PEA.

Peas and Nasturtiums.—Sweet

Peas are my favorite flower while they last, but mine go by so soon. Last year I planted a row of Sweet Peas, and when they were up and growing nicely I planted Nasturtiums. So, after the Sweet Peas were gone the Nasturtiums bloomed on, covering the trellis with beautiful foliage and flowers until after frost. Both Peas and Nasturtiums were beautiful.

Mrs. Fannie Smith.

Silver Lane, Hartford Co., Conn., Dec. 4, 1916.

Note.—Sweet Peas should be sown in the fall in a warm climate, and very early in spring at the north. Even in the latitude of LaPark they are successfully sown in September and the young plants given some protection in winter. Such plants bloom early and abundantly, then die. To avoid green lice, which are becoming troublesome on Sweet Peas, tobacco stems are woven through the meshes of the wire trellis.—Ed.



SWEET PEAS.

Morning Glories.—Please just let me speak in praise of the old-fashioned Morning Glories. When once started they come up voluntarily, and grow rampantly. And such a mass of bloom of many rich colors, and so beautiful to behold!

Mrs. J. H. McLand.

Boswell, Ind., Dec. 7, 1916.



ABOUT GLADIOLUS-FLOWERED CANNAS.

CANNA INDICA, known as Indian Shot, was the first Canna introduced. The plants were not robust, and the narrow spikes of small, reddish flowers were not particularly attractive. Later other species were introduced, and a Frenchman named Crozy crossed the species and varieties, and by careful selection developed the race known as Crozy's Large-flowered Cannas. These have been improved upon by American florists, and today the Canna is the most beautiful and attractive bedding plant we have. The plants should be started early, either from seeds or roots, and bedded out in a warm sunny situation as soon as the soil becomes warm. Spade the bed deep, and if it is tenacious stir in a liberal quantity of well-rotted manure. Mix well the soil, sand and manure, pulverizing it thoroughly, and set the plants about 15 inches apart. The plants like full exposure to the sun, and good drainage, but during the growing and blooming period you cannot give them too much water. Moisture at the roots is necessary, and to obstruct evaporation during the hot dry weather it is well to mulch the bed freely with stable litter. This will also enrich the soil and promote the growth and beauty of the plants. King Humbert is doubtless the most popular bedding sort. The plants grow four feet high, with bronzed, semi-tropical foliage and immense trusses of big crimson-scarlet flowers. A very beautiful yellow-flowered variety is Richard Wallace. It grows three feet high, and has green foliage. There are no better bedding Cannas than these, and I heartily recommend them.

REMEDY FOR RED RUST ON AMARYLLIS.

DEAR MR. EDITOR: As no one seems to answer Mrs. Murray's plea for someone to give her experience with red blight that is killing her Amaryllis, I can realize from my own experience the past year what a hard time she is having. Over a year ago she wrote to me requesting an exchange of Amaryllis bulbs. I sent her some, and in return received four bulbs, which I stuck in among some healthy Amaryllis I had growing in two pans. Two months later I was astonished to



A VASE OF AMARYLLIS.

find everyone of the Amaryllis in both pans had rotted. Six weeks later I received from a florist a large Amaryllis bulb. It was covered with a red-looking rust. I knew that several persons had written about it in our little Magazine, so I was afraid it would spread to my other bulbs. I planted it in a six-inch pot, but did not cover the bulb very much, and set it in the south window of a warm room. I began trying everything on it that was supposed to be a remedy for blight. I watered the bulb by setting the pot in a saucer of water whenever needed, this to keep the bulb itself dry. After four weeks it was as bad as when I began, until one day I was washing the window casing with baking soda and water. It made the white woodwork look so clean that I picked up the Amaryllis and dampened the bulb with water, then rubbed the soda all over it. The soda remained on the bulb for half an hour; then I took a damp, coarse cloth and wiped off all the red rust. It had two leaves, one being specked with red spots, so I cut that one off. I procured some sand off the top of the furnace to cover the bulb. I thought that, after the sand had been heated so often, it would be free from germs. After that I gave it twice a week the same treatment as long as I could see a bit of the red rust. It soon began to grow like magic, and I do believe it liked soda. Today I brought it up from the cellar and found it to be the cleanest, most nearly perfect bulb I have. So here is my experience, hoping it will be of help to my floral sisters. Mrs. P. W. Fox.

Morgan Co., Ill., Dec. 12, 1916.

FORGET-ME-NOT.

THE FORGET-ME-NOT IS a delightful flower belonging to that numerous flower family which includes Virginia Cowslip, Hound's Tongue and Comfrey. "As far back as we are able to trace flower history," says the National Geographic Magazine, "it held an honored place in the flower garden, and when America was settled, it was brought along to cheer the colonist's austere life, and to remind him of the old roof tree across the billowy sea." Have



FORGET-ME-NOT.

you ever noticed the golden circle around the center of the flower? That circle is put there as a honey guide, to tell the bee just where to insert its tongue to get the richest draught of nectar, and at the same time to touch both anther and stigma, and thus fertilize the plant.

Webster, S. D., Nov. 14, 1916. Mrs. Betts.

Johnny-jump-up.—I started with the real old-fashioned yellow-and-purple Johnny-jump-up, years ago. A neighbor exchanged, so I then had a purple of a solid color; also a lighter variety. They blossom early in the spring and late in the fall. This summer I counted six or more distinct sorts that came from the three original ones. Growing in shade or in sunshine makes quite a difference in the color. I try to keep a few of the older sorts separated far enough apart to keep them in their original colors, but I have them everywhere. Shaded they will grow a foot high, and they intermix nicely with other flowers. I have sandy soil and do not give a particle of care except weeding. A bed of all the colors is a most beautiful sight to one who cares for this quaint little flower.

D. Giles.

Norway, Me., Nov. 22, 1916.

Portulaca.—Among the most satisfactory of my flowers were the Portulacas. I set the plants in a large bed. The autumn was dry and windy, and the seeds as they ripened were blown about, so that this year I had Portulacas everywhere in the garden—in among the Squash vines, in the back-yard among the grass and weeds, and in the chicken yard. And even out along the roadside their pretty little faces greeted the passers-by.

Colony, Okla. Mrs. Irene L. Wilson.

Summer House.—I have a lovely summer house or dining-room made by planting vines around a framework 10 feet square. I used vines of Balsam Apple, and when all were a solid mass of green the rich, red apples against the green background made a charming contrast. We had a fine place to use as a dining-room all the hot summer long.

Crow, Tex., Nov. 6, 1916. Mrs. Jno. Price.

ROOTING PLANTS.

I ALWAYS have good success with Oleanders. I take a slip of last year's growth from the blooming branch, as it will have the blossom buds already, though dormant, and will therefore bloom much quicker than a slip that has sprouted out from the base of the plant. I put the slip in a bottle of water, stopping the neck of the bottle around the protruding slip with cotton, to prevent air from entering, and cause too rapid evaporation. It is never necessary to split the stem and insert a kernel of wheat, as some advise. I never could see what good that would do. I have had Oleanders to root nicely in three weeks, though it usually takes longer.

Hall's Honeysuckle I found could be rooted in the same way. After having a pitcher of Honeysuckle a long time, I went to throw it out, when I noticed two branches looked as when gathered. On examination I found them nicely rooted. I planted them at the end of the porch, and soon had a lovely Honeysuckle screen. The *Bignonia Radicans* can be rooted in the same way.

Roses generally root well for me, from cuttings taken in the autumn, and inserted in the soil so as to leave one or two good eyes above the surface, and two below. Firm the earth well around them, place over them a glass jar, and bank the earth closely around the base, letting half of the jar remain uncovered. Do not be in too great haste to remove the jar in the spring, and be careful to shade for a while in the hottest part of the day.

A mischievous child once broke the long strap-like leaves all off my *Sansevieria Zeylanica*. I took two of the leaves which were not broken in pieces and pushed the ends down well into the soil, thinking to enjoy their beauty as long as I could keep them fresh and green. What was my surprise to find, in a few days, that they had taken root. Soon I saw a tiny spear-point of green pushing up from the soil, and lo! it was a new shoot.

A spotted *Calla* given me by a friend was accidentally broken off from the bulb. I set the top carefully in the ground, watered and shaded it, and it took root and a new bulb formed on the side of the base of the plant.

So I have learned never to throw any plant away until I have given it a chance to see what it can do.

A. R. Corson.

Auburn Mills, Va., Nov. 6, 1916.

Pansies.—These have grown well for me. I bought a twenty-five cent box of flowering Pansies four years ago, and they are still growing for me. I set them out on the west side of my house; they blossomed well all summer. In late fall I mulched them with well-rotted horse manure. They self-sow their seeds and live through the winters. I have had a great many blossoms, picking as many as five hundred at one time. They need picking every other day, and stand plenty of moisture. Mrs. Tuggy.

Pittsfield, Mass., Nov. 6, 1916.

CANTERBURY BELL.

TWO YEARS ago I got a package of mixed flower seeds, and among the many varieties of flowers which I got was a Canterbury Bell. The first year it grew

I did not know what it was, and in preparing my flower bed last spring, I saw it had wintered over and was starting to grow. In early summer it bloomed, and such an array of blue flowers I never saw. There were hundreds of large blue bells two inches long in the first blooming. Then it began to die



CANTERBURY BELLS

and I gave it no more care, and in a few weeks I noticed that it was getting new leaves and bloom buds, and the second blooming was almost as grand as the first. Then it died the second time and revived again, with bloom about the size of a ladies thimble, and continued to bloom until frost. D.H.Snowberger.

Payette, Ida., Nov. 11, 1916.

Wallflower.—Last year (1915) I bought a package of Wallflower seeds, but as I was going to change my place of residence I did not wish to plant all the seeds, so I picked out seven seeds and planted them all in a 6-inch pot. In due time they came up, and after awhile I set out the little plants in separate pots and kept them in my window garden, where they bloomed, and in fact are blooming now. I sold three of the plants a few days ago. But the most remarkable thing about the seeds is this: From the balance of the seeds which I had been holding for nearly a year I planted a few more in pots, and to my surprise they are all growing and doing fine.

O. C. Røedler.

St. Louis, Mo., Nov. 7, 1916.

Ricinus.—Do you readers know that the *Ricinus* or Castor oil bean is one of the most handsome plants for a back ground. I have two of the green variety in my yard, that have attained a height of eight or ten feet, and I would not exchange it for Palms, Caladiums or any of the tropical plants we go to such pains to acquire. They are easily grown from seeds, and are of rapid growth.

M. L. Duke

Prattville, Ala., November 9, 1916.

Gaillardia.—If I could only have one flower in my garden, it would be *Gaillardia grandiflora*. It greets one in the beginning of June, and even now, November 4th, it is in bloom. The more flowers I picked the more I had.

Jennie Schwarz.

Essex Co., N. J., Nov. 4, 1916.

GARDEN EXPERIENCE.

(By a Garden Club Member at the Close of a Year's Work.)

WHEN THE YEAR'S calendars of the Jonesville Garden Club were distributed I found that our last meeting's subject was to be "An Experience Meeting"; and so I wondered what the varied "experience" of the members would be. This is mine:

My garden experience has been very pleasant. True, I have had failures in some things, due largely to wind and weather. Beginning with early spring, the bulbs which I planted last fall, when the Garden Club was only in dreams, were a delight.

First, I had many three-year-old Hyacinths, which were very satisfying and beautiful until my new bed of 50 Hyacinths came into bloom. All but one bulb brought forth bloom, and why that one failed I cannot tell. The others brought forth from two to five magnificent spikes of flowers. Few of these faded in the bed, for I have a great habit of cutting my flowers and sending them to my friends who have not the patience, or, for other reasons, do not raise flowers.

I had magnificent Tulips, long-stemmed Darwins, showy Parrots and many others. I had taken up some Tulips from a three-year-old bed, and planted them by the kitchen door. These did very nicely, and were so much company each time I went to the door. The Crocus, Daffodil

and Narcissus were fine, but the Hyacinth has the warmest place in my heart, of the spring-blooming bulbs. Then came the shrubbery, which bloomed luxuriantly. I wish to speak of the Eva Rathke Weigela, which has dark-red flowers, and blooms for a long period. My Roses did not come through the winter extra well, but I was in a measure to blame. I was so anxious to see if there was any life that I think I examined them too often, and maybe destroyed the young shoots that were starting from the roots.

Nothing daunted, I bought more, and now have over two hundred and fifty Roses, consisting of Climbers, Hybrid Teas, Teas, Hybrid Perpetuals, Rugosas and even the old Wild Roses that grew by the roadside near my old home.

I have had very good success starting the Teas and Hybrid Teas. When my Roses would arrive from the grower, I would cut them back to four or five buds, and the tops I would make into cuttings. I put the cuttings in a flat of sand and put in a cold frame in a partially shaded place, and in about a month's time they were rooted, and I shifted them to small pots filled with good potting soil, and

sunk them in a spent hotbed. As the hot weather advanced I tacked a muslin covering over the bed to keep off the strong heat of the sun. Many of them bloomed, and one little Helen Gould was in bloom just two months from the day it was put in sand.

I rooted over forty cuttings. Some I gave away, and the first of October I set twenty-one in a bed. This I did with fear and trembling, for I have never had experience with fall planting. I have had a frame built around the bed, and when the weather gets cold and stormy I will cover with sand, and ventilate on pleasant days. My success will be known next spring. I had a wealth of Roses in the fall, but our untimely freeze in early September put them out of business.

After Roses I think I like the Gladioli best. I experimented along this line. I had learned that the little bulblets growing at the base of the parent bulb would, if planted, grow to blooming-sized bulbs in a couple of years; so I took a handful of bulblets, ranging in size from a dried pea to that of a hazelnut, and soaked them in water for three days. Then, when making our first garden, I made a shallow furrow, sowed the bulblets as I would peas and then planted radish seeds on top.

Now, I have been accused of intensive gar-



ROSA RUGOSA.



TULIP.



GLADIOLUS BULBS, BULBLETS AND FLOWERS.

dening, raising two crops at once, but the real reason was: I did not know how long it might take these little brown atoms to germinate. However, by the time the radishes had one cultivation the little grass-like blades appeared. The radishes were soon used out, and the Gladioli had the ground to themselves, none the worse that a crop had already been raised on the same

ground. I hoped the three largest bulbs might bloom, but I had as many as 15 spikes, and, while they consisted of only a few florets each, they were quite pretty, and I dug over a hundred bulbs and many bulblets. Next year it is my plan to raise my Gladioli in the vegetable garden with the radishes, for the Gladioli do not add a great deal of beauty to a flower garden during their long period of maturing the bulbs.

I do not care a great deal for Dahlias, and the dry, hot weather was very much against them. I shall give them another trial next year.



I doubted very much the fact that was told me that Castor Beans would do no good if planted two successive years in the same place. I was anxious to raise them again where I had them last year, for they made a beautiful background for my shrubbery. I must confess I fertilized the ground well, and planted in the same place. Well, they grew nine feet high, and had they had the extra six weeks of growing season that we had last year I believe that they would have more than gained the stature of last year—14 feet.

My Snapdragons were very pretty, but unfortunately they became rusty and I destroyed them.

One of my new flowers is the yellow, spotted Calla Lily. It was very pretty. It was in bloom at Decoration Day, and remained pretty for three weeks. These bulbs are treated as Gladioli.

Joanna Minturn Jones.

Jonesville, Ill., Nov. 16, 1916.

Setting a Hedge.—Mr. Park:—I notice in your December issue the trouble F. M. W., of Westerly, L. I., N. Y., had in setting out Privet plants, and for the information of your readers, I wish to say that all we have to do here to get a fine hedge of Privet, is simply to get the cuttings of about ten inches in length, and set them five inches deep, and five or six inches apart, where we want the hedge, and they take root and grow. When they get to the proper height we begin the pruning. When planted in this way in the early spring, nine-tenths of the cuttings will take root and grow.

C. B. Edwards.

Raleigh, N. C., Dec. 6, 1916.

Carnations.—Last spring I procured a packet of mixed Carnation seeds and planted them out in the open ground early. Every seed germinated, and when two inches high I reset them in a bed, and soon thereafter they commenced to bloom—double and single, and of all colors imaginable, shading from pure white and cream to dark maroon. I have kept the seed-pods picked off, and now, November 7th, they are a mass of blooms. They need very little care, and thrive in a rich, loose, loamy bed. The plants will last for years, if protected in the winter.

V. Elba.

Pangburn, Ark., Nov. 14, 1916.

SOME FLOWERS OF NORTH INDIA.

THE CALLA LILY dreams of the marshes of her native land, flooded by the rising Nile. The Oleander remembers, with a sudden rosieness of blossom in early summer, its home along the rivers of Crete and the sinuous streams of Syria. The Petunia thinks impassively of far-off, starry Brazilian nights. Might not the Rhododendron love Nepal?

Among the native shrubs of the Himalayas I mention first the Rhododendron, which forms a striking feature of the scenery along the glorious mountainsides of Kashmir and Nepal. It is as if the sparkling, snow-fed, icy rivers had written their thoughts on the foothills in thickets of colored poetry and fire. Among other native plants found in this ravishing region are the *Potentilla formosa* (or *Nepalensis*), the glowing red Cinquefoil, Wild Primroses in profusion, and gardens of the most delightful Roses. From the Himalayas comes the Pheasant Berry (*Leycesteria formosa*), a rare plant with bracted flowers and black fruit, advertised in the plant-list every summer. Here also, in great abundance, we find the Rocksprays or Cotoneasters, of every species, thickly set with their attractive vermilion berries, though some flourish and flower as far to the east and north as Yunnan, across the mountain-border and into China.

The *Lagerstrœmias* are perhaps the most showy and beautiful (Crape Myrtle) of late-summer flowering shrubs, making a great conflagration of color against their somber banks of dark-green foliage that may be seen at a long distance and to the best advantage, because of the comparative rarity of flowering shrubs at this period. Gardens of this shrub seem virtually on fire. In old temple gardens in China they sometimes grow to be 150 years old. But these are wanderers. The *Lagerstrœmia*, in its "glowing eloquence of midday light", is a native of Hindustan. I have one in my yard, a beautiful young tree that blooms faithfully every year in July, with clean bark and foliage. The crimped panicles are rose-scarlet.

The *Desmodium* is an autumn-flowering shrub that should be more popular. It is not a fit subject for the crowded border, but shows to best advantage when planted by itself. *D. penduliflorum* and *D. Dillenii* are each worthy of a place in a large yard. *Enkianthus*, *Buddleia*, *Cæsalpinia* and *Lespedeza bicolor* are other rare and worth-while, hardy flowering shrubs that I might refer to at some length if I had the room. However, the names as given should invite interest and investigation, and if the reader finds this interesting, I may tell of them at another time.

Will Thompson.

Baltimore, Md.

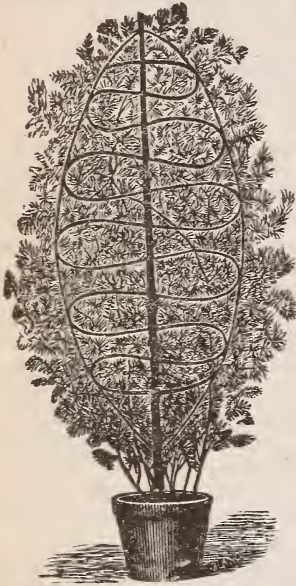
Cactus.—Ten years ago a neighbor gave me a small *Opuntia* Cactus. I kept it indoors for ten winters, and it failed to bloom. So I left it out last winter, and covered it with grass. It came out all right in the spring, and last June it had lovely pale-yellow flowers.

Strafford, Mo.

Mrs. J. W. Thompson.

TRAINING ASPARAGUS SPRENGERI.

EDITOR FLORAL MAGAZINE: Last spring I had one three-year-old Sprengerii Fern that needed repotting, and, not having a pot convenient at the time, concluded to prepare a place for it in the front yard, where I dug a hole about two feet deep and the same



ASPARAGUS SPRENGERII.

in diameter, filling the same half-full with dry Madeira vines from the porch, and leaves from the shade trees near-by. Then I covered this up with well-rotted cow fertilizer and sandy loam soil. The Fern was set in this and soon began to send out new, strong fronds on all sides, until the ground was covered for three feet or more with a mass of green. I conceived the idea of training the fronds upward, like a vine, instead of permitting them all to grow on the ground, so I stretched a string from the two trees, one on either side of the Fern, about seven feet above the ground, and then suspended four other strings from this one to the fronds below, on which I trained the largest and strongest fronds as they appeared, until they stopped growing near the tops of the four strings, about six feet high, making a most attractive, cone-like appearance.

Many people will stop and see this Fern in passing, and it is now full of berries, and is a thing of beauty. Anyone can train some of the fronds in the hanging-basket upward on the wire or string holding the basket, and thus make it appear to be a double vine.

E. C. Robertson.

Harris Co., Tex., Oct. 27, 1916.

Tulips.—Our Tulip bed was circular in form, eight feet in diameter, and we put in the 300 bulbs of various colors. They did exceedingly well and were the admiration of all who saw them. The local editor of the city daily paper gave us quite a write-up, saying: "It was the most beautiful Tulip bed in the city."

Eureka Springs, Ark. Buford Gaddie.

Cardinal Climber.—The lovely Cardinal Climber is such a shy seeder that when frosts came I cut the seed-pods with stems and placed them in water until they ripened.

Mrs. F. H. Brown.

Scipio Siding, O., Nov. 29, 1916.

A CHANGE OF OPINION.

THREE ROUSING CHEERS! Hip, hip, hooray! Who was it who said that the Amaryllis were cranky, and obstinate, and contrary, and various other things that are not nice? I have a faint recollection that I may have said so in the past. If so, I take it all back. My second and third Amaryllis bulbs are budded, and one has two bud stalks at once! Think of that! This is a Nehrling's Hybrid and the other is an Aigberth. Of course, I have watched these, and nursed these, and tended these, and fussed over these for more than a year, but what care I now for a little thing like that! I am more than repaid for all my care and trouble.



AMARYLLIS.

I think the Aigberth has bloomed before, but I am not sure. I have 47 more bulbs that should bloom, and now, perhaps, they will. Surely "all things come to them that wait," if only one waits long enough. A few of my mortal enemy, the mealy bug, is skimming still around the outskirts of the camp, trying for a foothold. But I simply pour the undiluted alcohol right on the entire bulb, and, believe me! that fixes them. And it doesn't hurt the bulb so much as the bugs do.

Mrs. E. B. Murray.

Ballston Lake, N. Y., Jan. 10, 1917.

[Note.—Alcohol will kill about every animate thing except a man, and it will kill him if he uses it too freely.—Ed.]

Aquilegia.—If more of the floral folk knew how lasting and beautiful is a bed of Aquilegia or Columbine, surely there would be more planted. Mine are the only ones that I have ever seen, and are beautiful from the time the tender heads of foliage burst through the ground until after the long-stemmed and long-spurred dainty blossoms are gone. There is such a variety of colors, and double as well as single blossoms appear on the same stalk. As they are perennials they last and improve for years. They do best in partial shade and in a moist location.

Mrs. L. Adkinson.

Concordia, Kan., Nov. 17, 1916.

Calliopsis.—This is a flower everybody should have. It needs little attention after once planted, and always plants itself afterward. So many plants appear the following spring that it is only necessary to transplant some or thin them out if one desires to have them remain in their former bed. I love Calliopsis. No bouquet seems complete without them.

Anastasia Maxey.

North Liberty, Ia., Nov. 28, 1916.

SNAPDRAGON.

THE SNAPDRAGON has always been a great favorite with me, and after the past summer when so many flowers failed in this part of the country, (S. W. Minn.) I have made up my mind that it is one of the best flowers raised. During a long drought it bloomed when hardly anything else did, and was still full of flowers when the frost had killed many other flowers. The new Orchid-flowering Snapdragons are a valuable addition to this lovely class of plants. They come in so many different and very harmonious colors, and mine soon bloomed from seeds the first year.



SNAPDRAGON.

Mrs. O. B. Nash.

Balaton, Minn., Nov. 14, 1916.

Hardy Hydrangeas.—If you have not *Hydrangea arborescens sterilis* and *Hydrangea paniculata* by all means get them. I have both kinds. The former is like a Snowball; the other has a long-pointed head of bloom. I prefer the one I call my Snowball Hydrangea. If given plenty of water it blooms a long, long time, and I have so much pleasure giving the cut heads to my friends. Some want it for parties, and it is often used for the cemetery. A large bunch of the pure white flowers taken to a sick friend is such a pleasure, for it is always admired and appreciated. By all means have the Snowball Hydrangea. It blooms in summer. *Hydrangea paniculata* blooms in autumn, after the other is nearly through blooming. Both are very desirable.

Winchester, Ky.

Aunt Nan.

Godetias and Salpiglossis.—The Godetias came up well, and are now and have been for sometime a cloud of bloom from bottom to top. They are lovely. Some of the plants grew nearly three feet high. Of Salpiglossis, twenty plants, different colors, are making a beautiful display now. The flowers seem to get torn easily, by bees or some other cause that makes them look quite ragged, and spoils their beauty somewhat, but aside from that they are lovely. Henry W. Bashinger.

Dundee, Oregon, Aug. 29, 1916.

Platycodon.—From a packet of Platycodon seeds I raised 12 of the finest plants I think a flower-lover has ever seen. They die down in my pots every fall when I bring them in, but in a few weeks new shoots spring up, and all bear beautiful bell-like flowers. It seems when once started it is hard to lose them.

O. C. Rödler.

St. Louis, Mo., Nov. 5, 1916.

AMARYLLIS HALLII.

THREE YEARS ago last spring I planted a bulb of *Amaryllis Hallii*, or *Lycoris Squamigera*. It grew a tuft of light green leaves, which soon died down. When August came, I looked for a flower scape, but none appeared, so I decided my Hardy *Amaryllis* was dead. I had planted *Narcissus* bulbs in the same bed. There were several varieties, so when I noticed a bunch of odd-looking, long, green leaves the following spring, I thought it some strange variety of *Narcissus*, unknown to me. It died down without blossoming, however, but last spring it again appeared, and again it failed to bloom.

One day in August, while looking at some plants in the bed, I noticed a rather stout light-colored stalk about two inches high, surmounted by what seemed to be two bracts. For a moment I wondered what it could be. Then I thought of the *Amaryllis* bulb, planted so long before. I was surprised and delighted, and I watched that stalk closely. It seemed to be trying to make up for lost time, for in just one day less than a week from the time I discovered it, that *Amaryllis* was a little more than two feet high, and had one blossom. The buds opened one at a time, usually one each day, until a cluster of five lovely flowers crowned the scape. They were as beautiful as Orchids, the color being a lustrous lavender pink, with tints of blue, and touched in the throat with gold. I wonder that this exquisite Lily is not more commonly grown.

A. E. McLaughlin.

Norfolk Co., Mass., Oct. 28, 1916.

Cyclamen.—I wonder how many of the readers have tried to raise *Cyclamen* from seeds? There is fascinating pleasure in watching the development of the seeds into little bulbs, then the rapidity which brings them to be a large plant. But the real pleasure is not attained until the large buds appear, in about fifteen or sixteen months after planting. I never raised a plant that afforded me more enjoyment.

Mrs. J. E. Turner.

Mentor, Minn., Nov. 18, 1916.



CYCLAMEN.

Perennial Poppy.—In the spring after the early Tulips are through blooming, my Oriental Poppies burst their buds, and even out-do the Tulips, with their dazzling scarlet shades. We enjoy flowers at all times, but it seems to me the early ones are the most welcome, after the ice and snow of winter are gone. When once established these Poppies increase in size and beauty year after year.

Margaret Beeler.

Sterling, Ill., Nov. 12, 1916.

REHMANNIA.

DID ANY of the flower lovers ever plant *Rehmannia Angulata*? My seeds did not come up very well, but that did not matter, for now I have a bed of it, as it shoots up from the roots. It almost kills out other plants, and is hardy here in Alabama.



REHMANRIA ANGULATA.

The bloom reminds me of the Trumpet vine in shape, but not in color, as it is lavender with a darker throat, with brown spots.

Mrs. E. E. M.

Jefferson Co., Ala., Oct. 31, 1916.

Disbudding.—Last spring I set out three stalks of hardy *Chrysanthemums*, giving them room to develop without crowding. When the buds came along I cut out all of them but two to a stalk. The consequence was that I had flowers four times the size of them upon plants that were not disbudded. If you want large flowers, remove the side buds as soon as they appear, leaving only the central ones.

Louise S. Floyd.

Portage Co., Ohio, Nov. 9, 1916.

Shirley Poppy.—My little bed of Shirley Poppies were a constant delight until after hard frosts. I scattered the seeds over the bed of Japanese White Lilies, and the plants seemed to do their very best. In no way did they hinder the stout Lily stalks from blossoming in their season. These Poppies are among my "must haves".

Mrs. Crowell.

Rockingham Co., N. H., Nov. 16, 1916.

A TROUBLESOME WEED.

CACALIA SONCHIFOLIA, known as Flora's Paint Brush, is a troublesome weed in this State; acres, yes, hundreds of acres of the high land of Chenango county have become nearly barren with it, as it runs out the light natural grasses. It comes up freely upon plowed land seeded to oats. It clings tightly in the rows of corn, beans and potatoes, and will not be eradicated. I have heard its introduction was due to several flower-loving women of the past generation in different localities, who planted it as a flower, and allowed it to spread beyond the garden. I have seen the beautiful Foxglove self-sown over an acre, but there seems to be no end to the Paint Brush.

Mrs. L. G. Stearns.

Georgetown, N. Y.

[The plant complained of is not *Cacalia Sonchifolia* (Flora's Paint Brush), but a species of *Hieracium*. Flora's Paint Brush has tubular florets, and belongs to the sub-order Tubulifloræ, while *Hieracium* has ligulate florets, like the Dandelion, and belongs to the sub-order Ligulifloræ. *Cacalia* is an annual, and the plants spring up, bloom, and die in one season, while the *Hieracium* is a perennial, and spreads by runners as well as seeds. *Hieracium aurantiacum* has large, showy, orange flowers, and is really handsome and showy. It is called the Devil's Paint Brush. *Hieracium præaltum*, with small yellow flowers is perhaps the most troublesome weed, and is known as King-devil. Both of these weeds were introduced from Europe, just as was the Canada Thistle. They were probably not brought over as flowering plants.—Ed.]

The Castor Bean.—Having heard my mother talk about the big fields of Castor beans she had helped to tend, I managed one year to get a few seeds. I was surprised to find how pretty they were and what a vigorous growth they made with a very little cultivation. They make me think of a tropical plant, as I imagine they are in those jungles we read about. The seed-pods are very ornamental, too, until they get dry in the fall. For a sort of screen or hedge the plants are just fine.

Mrs. Pearl Coleman.

Pittsburg, Kans., Nov. 11, 1916.



Clarkia.—I had Clarkias this year for the first time, and enjoyed them so much, though I had only salmon-pink, sent by a friend. I sowed the seeds when the apple trees were in bloom, and they were full of their little double roses on every branch by the first of August. Now, September 22, a few blossoms still show above the ripened seeds. Next year I must have a mixed packet, and see all their beautiful colors.

Mrs. Nellie Bailey.

Province Hill, Que.

Salvia.—I raised a very large bed of *Salvia* this year. It was my first experience with *Salvia*, and I was very much delighted with my success. I have raised many other flowers from seeds, but my success with them was not as good as with *Salvia*.

Mary D. Ashford.

Aspen Hill, Tenn., Nov. 9, 1916.

MYOSOTIS (Forget-me-not).

LAST YEAR I had a few scattering plants of *Myosotis* or Forget-me-not, in two varieties, one with a rough, dark-green leaf, the other with a smooth, light-green leaf. One is in full bloom in May, while the other comes later, though both bloom more or less all summer, if the blossoms are cut as fast as they fade. This year I found young plants all around the old ones, from self-sown seeds. These I set in a bed about eight feet long by four feet wide, the early kind on one side, the late on the other. It was a beautiful sight for many weeks. Mixed with the yellow *Alyssum saxatile* they made dainty little bouquets for Memorial Day, and I sold enough to pay for all my flower seeds next year, and had plenty left for myself. They like a rather shady, moist situation, though they will grow anywhere.

Adella F. Veazie.

Rockland, Me., Nov. 17, 1916.

About African Marigolds.—Some years ago I exchanged seeds with a lady in Dade County, Florida, and she sent me some



MARIGOLD.

African Marigolds, the first I had seen since a girl at home. And they were beauties! The plants grew into great, branching trees that were just simply loaded with bloom. I have sent bunches of this Marigold to several old ladies who used to "grow it when a girl" and had not seen any for years, and they seemed greatly pleased with their bouquets. I have a long row of these plants in my garden again, and have discovered that a broken branch will root readily in water.

Bessie P. Snipe.

Woolwich, Me., July 23, 1916.

[Note.—All the Marigolds do well in a hot, sandy country, and can be depended on to grow and bloom where many other annuals would die. They should be generally cultivated in the Southern and Western States.—Ed.]

Easter Lilies.—These are very satisfactory in California. They are hardy here and multiply rapidly, besides being very beautiful and fragrant. Mine were dug in August, and were promptly divided and reset eight inches beneath the surface. Try them, ye flower-lovers who dwell where weather conditions are favorable.

C. A. R.

Los Angeles Co., Calif., Sept. 16, 1916.

Moon in Leo.—It is an established fact that when plants or weeds are cut back when the moon is in Leo they will die. For that reason Canada Thistle and other noxious weeds should be cut in this sign.

E. H. Leline.

Franklin Co., Mass., Sept. 2, 1916.

DATURAS.

ONE OF MY FLORAL surprises was my first *Datura* blossom. I sowed a few seeds in a quart tin can, in the house. When transplanting to open ground I left one tiny seedling in the can; and how it grew!

It soon budded, and to my great astonishment the bud was as long as the plant was tall, and when it opened it appeared like a great, white trumpet. Words failed me to express my surprise and admiration. Besides its beauty it filled the air with a most pleasing perfume suggestive of lemonade. The plants in the beds grew



DATURA.

much larger, and bore many of the large, trumpet-shaped blossoms, some white and some yellow, and some grew double, as if the small end of the trumpet were inserted into the open throat of another. If the floral sisters want something new and interesting, and have plenty of room, I advise them to try *Daturas*.

A. R. Corson

Hanover Co., Va., Nov. 24, 1916.

Cosmos.—I am so proud of my *Cosmos*! I got a paper of seeds in the spring, sowed about half, and divided the other half with two friends. They came up fine, but too thick in the row, so I transplanted several plants. The ones in the garden grew so rank and tall that of their own weight the main stalk split down to the ground and spoiled them just when they were full of buds. But the transplanted ones are now standing eight feet high, one pink and the other the loveliest velvety crimson, and so full of their pretty bloom, waving and nodding in the breezes, and furnishing a bouquet for my little granddaughter to take to her teacher whenever she comes after it.

Colony, Okla.

Mrs. Irene L. Wilson

Cactus Plants.—Why do so few people care for Cactus plants? I think they surpass all other plants in cultivation by their silky, beautiful flowers. I had a *Phyllocactus* to bloom this spring, and the flower was as large as a saucer—a milk-white double blossom with a fragrance that could be detected yards away. The only Cactuses I have that have bloomed well, except *Phyllocactuses*, are the ones I got from New Mexico, Arizona, western Texas and Nebraska.

Marie Foster.

Wood Co., Tex., Sept. 24, 1916.



FRAGRANT HARDY GARDEN CARNATIONS.

THE ABOVE ENGRAVING represents a group of flowers of an improved strain of hardy Garden Carnations. The flowers are double, of many rich colors and variegations, and deliciously fragrant. For many years the French florists have given special attention to Carnations, and have brought the plants and flowers to a high state of perfection. They come reasonably true from seeds, and those who are interested should not fail to secure seeds and start a bed of choice hardy Carnations this season.

SCHIZANTHUS.

IN THE SPRING of 1914 I received a packet of mixed window flower seeds and planted them in a hotbed. I soon had plants up, but being an amateur in flower raising, many of them died for lack of proper care, but some seemed determined to grow. Among these were a dozen or more plants of *Schizanthus* or Butterfly flower. These held out until warm weather, and I set them in a bed in the open ground, and what a surprise! They soon made nice stocky plants, and began to bloom, and the plants were soon covered with the most beautiful loveliness I had ever beheld, for this was my first sight of the Butterfly flower. The plant itself was beautiful before it bloomed, with its finely cut leaves, but when covered with exquisitely tinted flowers with their varied coloring, blotched with crimson, lilac, purple and yellow, and delicately fringed, they out-rivalled the Orchid in exquisite splendor. Even the most lovely butterfly, with its fantastical painted wings could not compare in delicate beauty. After the plants were started outdoors they required no care, and bloomed for months. While quite small the little plants seemed tender, and needed to be sheltered from the sun, but were soon able to stand the hottest sunshine.



SCHIZANTHUS.

C. M. Moser

Wayne Co., Mo., Nov. 18, 1916.

Vinca Rosea.—Plants of *Vinca rosea* grew from seeds and blossomed beautifully here the past summer. A lady from Florida, who was visiting us, said it grew wild there, with great beds of bloom, and was lovely in both foliage and flower. It is tender, killed by hard frost, but well worth raising. It likes a warm sunny bed.



Mrs. Betts.

[Note.—In the South *Vinca rosea* is successfully used as a bedding plant. The foliage is evergreen and makes a fine background for the bright, Phlox-like flowers. Like *Ageratum* it has escaped cultivation and grows wild in Florida, but is not troublesome, and only adds to the beauty of that charming State.—Ed.]

Portulaca.—When the early frosts came I slipped my *Portulaca* and planted the slips around the edge of the Geranium bed. They went right on blossoming for weeks, as though they had remained on the plant.

Mrs. F. H. Brown.

Scipio Siding, O., Nov. 29, 1916.

SWEET ALYSSUM.

I HAVE RAISED Sweet Alyssum ever since I first began gardening, but this year I saw it growing in a way which was new to me, and which I intend to copy another season. Having more plants than I needed, I gave some to a neighbor who set them about a foot apart along the edge of her banking, on the eastern side of the house, fertilized them well, and then allowed them to grow as they would. They immediately proceeded to grow toward the edge of the banking, then peeped over, then climbed over and hung down until they became a solid mass of white, at least two feet in width, with the largest clusters of blossoms I ever saw, having stems a foot long, and remaining in bloom until a heavy snow-storm, November 14th, covered them from sight.



SWEET ALYSSUM.

I have always preached (and practiced) giving all plants plenty of room, but this friend is the only one I ever had who would preach and practice this doctrine with me, and as we live on adjoining lots we exchange plants and compare results, and our flowers are the delight of the neighborhood. We have learned that when we want giant blossoms of any kind, to give the plants plenty of room. A foot apart is none too much for Alyssum, and even then you will find the plants crowding each other toward the end of the season.

Adella F. Veazie.

Rockland, Me., Nov. 17, 1916.

Sowing Seeds.—I will tell you how I prepare the soil and sow my seeds. First I sift the surface soil, then wet the bed good, pressing furrows across the bed, deep or shallow, according to the size of the seeds to be sown, covering with sifted soil. On top I place cloth and let it remain until the plants appear. By keeping the moisture there the seeds germinate more readily. I water them through the cloth. I have splendid luck with my seeds, while others, who plant in the open ground, scarcely have any seeds to come up. One lady spent \$2.50 for flower seeds last year, and had only a few to appear above the ground. Yet many persons blame the seedsman for inferior seeds while the fault most of the time lies within themselves.

Mrs. Janie Keeter.

Fort Worth, Tex., Nov. 20, 1916.

Helichrysum Monstrosum.—

This is the largest and finest Strawflower, easily grown, and makes a very pretty bouquet of dried flowers for winter, with their pretty colors, which do not fade. We find that the best city trade is calling for these dried flowers.

I. H. Werdein.

Rochester, N. Y., Nov. 19, 1916.



PREPAREDNESS.

If two men fell to fighting
 The one of stature small,
 Who had but one stone and sling that day
 To meet his foe withal,
 While well prepared the giant was,
 And clothed in armour strong,
 To which of these would victory come
 In strife for right or wrong?

Ah it is not a statement true
 That to the swift the race,
 And to the strong the triumph
 In every hostile place.
 We realize that God is God—
 The times are in His hand,
 And while we watch and pray we know
 That might can never stand;
 For right and truth in unison
 Shall bring the victor's thrill,
 Prepared is he, though still his arm,
 Whose cause is God's good will.

Dec. 15, 1916.

A. W. L.

IN THE GOOD OLD SUMMER TIME.

There's a time in each year
 That we always hold dear—
 Good old summer time!
 With the birds and the trees
 And sweet-scented breezes—
 Good old summer time!
 When day's work is over
 Then you are in clover,
 And life is one beautiful rhyme.
 No trouble annoying,
 Each one is enjoying
 The good old summer time.

Chorus:

In the good old summer time,
 In the good old summer time,
 Strolling through the shady lanes
 With you baby mine;
 You hold her hand and she holds yours,
 And that's a very good sign
 That she's your tootsey-wootsey
 In the good old summer time.

To swim in the pool
 You'd play "hookey" from school,
 Good old summer time!
 You'd play "Ring-a-rosie"
 With Jim, Kate and Josie,
 Good old summer time!
 Those days full of pleasure
 We now fondly treasure,
 When we never thought it a crime
 To go stealing cherries
 With face brown as berries—
 Good old summer time!—Chorus.

[Song requested; supplied by Miss Ballinger, N. J.]

"LET US PUT BY."

Let us put by remembrance of misdeeds
 Known only to ourselves; let us put by
 Resentment of the author who has past
 Beyond recall and who no longer heeds
 The voice we might raise, nor hears our cry.
 The world's too small for hate's ungainly weeds;
 Too wide for friendship's flowers heedless cast!
 Shelbyville, Ind. Alonzo L. Rice.

IRIS.

Gray-green, austere stiff in form and line,
 The Iris blades pierce through the spring-time
 mold;
 They keep their secret well, they give no sign
 Of loveliness fast hidden in their hold.

Shines the warm sun, descend the gentle showers;
 And quick the Iris answers to their calls.
 Is it a fairy child or a flower—
 This curtained beauty with its velvet falls?

One, like some stately dame of ancient France,
 Is robed in white bedecked with lavender;
 One spreads a golden garb to win your glance,
 Like early butterflies with wings astir.

One is in royal purple-velvet dressed;
 One lifts quaint standards lured like smoky pearl;
 Maroon and yellow suit another best;
 One dons white raiment, like some happy girl.

And then their perfume! Nothing else that grows
 Breathes such an air of heavenly purity,
 Of liquid sweetness. Even the regal Rose
 Must yield the palm in this, Iris, to thee.

Dear flower, which takes one back to long-gone days,
 When first my eyes were open'd to earthly things,
 Accept this little tribute in thy praise.
 Bloom on, oh, Iris, through unnumbered springs!
 Mason, Mich., June 15, 1916. Ida M. B. Kerns.

BABY.

Oh, little priceless treasure, wrapped and swathed
 and pillowed 'round,
 Cynosure, alluring ruler of the home and of the
 hearth,
 All now run to do your bidding, and are on your
 errands bound,
 Listen, fascinating darling; tell me how much
 you are worth?

Who can say but when you're older, you the
 president will be,
 Or perhaps with pen you'll speak to nations and
 will win wide fame;
 Or a Christian, pure and earnest, and from bond-
 age you will free
 Souls that toiled at first for Satan, 'til they heard
 your revered name.

What great beauty will develop on your dim-
 pled little face?
 Why, perhaps you'll be a singer, and will travel
 near and far;
 There're a million, million chances on the future
 that you face,
 But, oh, captivating midget, how we love you as
 you are!

Fallon, Calif.

Vivian Swanson.

DAWN.

From Eastern slopes of mountains
 And from adjacent hills
 The night-hung shadows, slowly creep away;
 The morning mists hang low
 O'er meadows, vales and hills,
 The roaring sea spreads far her feathery spray,
 While o'er the world sublime,
 Grows marvelously the light,
 That smiles and glows and fades away,
 The phantom of the night.

From prairies flower bedecked—
 Broad prairies of our West,
 The dew exhales the fragrance on the wind;
 Each home holds dear its own,
 The fairest and the best,
 And gratitude and love pervade each mind;
 We look to North or South,
 Or East or West and claim
 The morning joy and gladness
 And everywhere the same.

Mrs. Sabine E. Hood.

"THE BIRTH AND DEATH OF A TREE."

Perhaps a frightened squirrel
Dropped it ere he reached his nest,
Or a little boy with his basket piled
Might have stopped a while to rest.

At any rate the nut was there,
Half hidden in its grassy bed,
And Mother Nature cuddled it up.
And pillowed its sleepy head.

How long it slumbered, none can tell,
Down grew the thread like roots in the earth,
A tiny sprout climbed to the light,
And another noble tree had birth.

The sunshine kissed the little tree,
God watered it with showers;
The loftier it grew, the more
It loved this world of ours.

Score after score of years it grew,
'Till its trunk was large and tall;
Its wealth of leaves a dense shade formed
For birds both large and small.

And like a sentinel it stood
Through sunshine, rain and snow;
None ever heard a grumbling word
Though it stood by the road you know.

Perhaps it stood with bated breath
As the horseless wheels passed by,
But the dear little bird in its cozy nest
Scarcely opened its sleepy eye.

Lovers paused in its welcome shade
The sweet old story to tell;
No other ear heard the tender words
And the tree kept the story well.

Children gathered its toothsome nuts
Almost as soon as they fell,
For who that has tasted a Butternut
But enjoys its flavor well.

'Twas a trysting place for flocks of birds
When the nights grew long and chill,
E're they plumed their flight for a warmer clime,
Where they sing their sweet song still,

The moist snow hung to each branch and twig
As if touched by a magic wand,
A thing of fancy in its pride it stood,
Just a part of Fairy land.

It watched the merry coasters sport
As they glided down the hill;
Whatever life may bring to them
They will keep those memories still.

I have seen it bend in the Storm King's blast,
And bow to the passing breeze;
In the Spring I have watched the swelling buds,
In the Fall the rustling leaves.

There the loud shrill caw of the crow was heard
That harbinger of Spring,
As on the top-most bough it paused
To rest its weary wing.

Men gathered around it one bright morn,
A sad, sad sight to me,
And my heart cried out in another's words—
"O, Wood-man, spare that tree!"

Me thinks a shiver passed through its frame
As it felt the axe and the saw;
Like a hero brave it stood the test,
As if under martial law.

But the cruel Dynamite pierced its heart,
Like a soldier wounded and bled;
It quivered a moment, then slowly fell,
And that grand old tree lay dead.

andolph, Vt.

Mrs. A. J. Foster.

THE ROSE.

Daisies are fair and beautiful,
Forget-me-nots are, too;
And so are many other flowers
That I might name to you.

We prize the fair Carnation,
The flower we love so well,
Then turn we to the Lily
That yields a fragrant spell.



But none among the flowers
Can outshine that I prize—
It is the radiant, lovely Rose
Whose beauty never dies.

Cincinnati, O.

W. K.

"SING AWHILE."

When tired, friend, and out of sorts,
And everything goes wrong,
"Don't be disheartened, sing awhile,"
'Twill surely help along.

Though dark the day and drear, quite drear,
With life's load hard to bear,
"Don't be disheartened, sing awhile,"
'Twill drive away your care.

Marboro, Mass., Oct. 28, 1916. Edmund M. Capen.

DAISIES.

Daisies! fair, sweet Daisies!
Nestling in the grass,
Making white the pasture fields,
Nodding as we pass.

Rossville, Md., May 2, 1916. Caroline S. Shaffer.

A PROBLEM.

With Webster's world of words what tongue can ut-
Explaining how a black cow eats green grass [ter.
And gives white milk, and how it comes to pass
The white milk in the interim makes yellow butter.
Shelbyville, Ind. Alonzo L. Rice.

ORIGIN OF THE SUN- FLOWER.

(Kansas State Flower.)

Oh, royal Sunflower! I think I know why
You always gaze up at the azure blue sky—
Your bright golden crown ever turned to the Sun—
I know how your life here on earth was begun.



When the Sun, King of Day, first retired for the
Behind the horizon to rest till daylight, [night
He hung his gold crown on a horn of the moon,
But the stars danced so high they shook it off soon,
And it fell to the earth to be gemmed by the dew.
Oh, golden Sunflower! that lost crown is you.

Gussie Morrow Gage.

Topeka, Kans., June 27, 1916.

KAZEE.

If I were a mocking bird
I tell you where I'd sing:
'Twould be beneath Nell's window
Until the tears I'd bring.
I'd sing the songs love-filled,
And the saddest girl she'd be—
Before I've finished singing
She'd say "I'll have Kazee!"

If I were a cricket singing
I tell you where I'd go,
Beneath Nell's hearth some night
The fire didn't glow;
I'd saw and rasp so fussy
She could not go to sleep;
She'd think of how she'd done Kazee,
And weep, and weep, and weep.

But as I am Kazee myself
I'll tell you what I'll do!
I'll go and roam in loneliness
Virginia's mountains through;
I'll steal among the rocks and caves
The wildest beast to be,
Until stern Death asserts his claim,
And takes the breath from me.

Boxwood, Va., May 18, 1916. Annette Gravely.

TOMORROW.

Could into our future we look and see
What kind of life tomorrow would be,
Would we not cleverly turn from the door
Much of the sadness and trouble in store?

Would we not hinder the errors we make,
And thus skip the worry that comes by mistake;
Would not daily life bring gladness and joy,
Instead of a measure of things that annoy?

But tomorrow will always be one day ahead,
A day pledging happiness rather than dread;
So we'll claim all the pleasure and joy that we
For we can't live tomorrow till after today. [may,
Dewey Co., Okla. Jonas Clark.

REPLY TO LORENA.

The years are creeping by, dear Paul,
The winters come and go;
The wind sweeps past with mournful cry, dear
And pelts my face with snow; [Paul
But there's no snow upon the heart, dear Paul,
'Tis summer always there;
Those early loves throw sunshine over all
And sweeten memories dear.

I thought it easy to forget, dear Paul,
Life glowed with youthful hope;
The glorious future gleamed yet, dear Paul,
And bade us clamber up.
They frowning said, "It must not—cannot be—
Break now the hopeless bands";
And, Paul, you know how well that bitter day
I bent to their commands.

I've kept you in my heart, dear Paul,
Through years of good and ill;
Our souls could not be torn apart, dear Paul.
They're bound together still.
I never knew how dear you were to me,
Till I was left alone;
I thought my poor heart would break, the day
They told me you were gone.

Perhaps we'll never, never meet, dear Paul,
Upon this earth again,
But there where happy angels greet, dear Paul,
You'll meet Lorena there;
Together up the ever shining way
We'll press with hoping heart
Together through the bright, eternal day,
And never more to part.

Copied and sent by Mrs L. E. S.
Middletown, O., May 10, 1916.

A GARDEN FLOWER PLOT.

A garden flower-plot, not large,
Rimmed round with corn-hills and with bean;
How many fair things by this marge
Are bounded! here the sicken sheen
Of Cloven Poppy, Mourning Bride,
White, lavender, and deep maroon,
With Primroses that fold full soon,
Yet bare their bosoms to the moon,
And stiff-necked Zinnias flaunting wide.

All these you see. You see not, though,
The magic garden-charm I know:
How Marigold and Pansy deep
Within their hearts warm secrets keep
For me alone. The humming-bird
And bee hear not a single word;
They dip the nectar from each heart—
But oh, these petals, blown apart,
They hold for me, alone for me,
Some things none others hear nor see.

The Maytime when I dropped the seeds,
The budding bough, the love-wrought deeds,
The laughter of a little child
Whose hair the winds blew, tropic-wild,
The mate-call of the oriole,
With lover-vows that softly stole
One time across the August night,
And tired hands that rested white
Filled with pale bloom, and Mignonette
Gathered at dewfall, fragrance-wet.

A world of things this garden holds
While seeming bright with Marigolds;
Because, the reason, be it known,
This little garden is my own!

Cora A. Matson Dolson.

Cayuga Co., N. Y.

BARABBAS.

How many repeat the words Barabbas said
(To him who bears the brunt in his own stead).
"I know you not, nor what you are, nor care;
But only for you I should be hanging there!"
Shelbyville, Ind. Alonzo L. Rice.

THE FOUR-LEAFED CLOVER.

TO A POET.

A maiden as she strolled one morn
Said to a four-leaved Clover—
"Now tell me of some fortunes born
Which I may soon discover;"
The Clover never spoke, I'm sure,
But with sweet perfume laden
He seemed to breathe "Keep sweet and pure,
It is your fortune maiden."

"For though the bees they take my store
Of dewy, fresh-made honey,
I only gather me some more,
Then back once more he'll journey;
For bees, like folk, they like to go
Where sweetest nectar's brewing,
And if it once should cease to flow,
Then just watch what they're doing."

Now this is true as we believe,
That honey is worth having,
And if we give as we receive
Of sweets we'll have a living;
For four-leaved Clovers they can tell
The secret of dividing
The sweet and lofty thoughts that all
Are prone to keep in hiding.

Alma, Ill.

Hattie Ross Sanders.

~~~~~  
"IN THE GARDEN OF  
VIOLETS.

O Violets won't you wrap me in your veil of love?  
The nectar from your lips is like a fairy dove;  
You are a dream of heaven in my eye,  
I often wonder why you are so shy.

If all the little fairies in this wide wide land,  
Were like you, then I'd join their loving band,  
And live among that harmony of love divine,  
With your veil of love around me all the time.



I sometimes have a vision of your garden of dreams  
Brightened by the rays of love-lit beams,  
And with your sweetest strain of music, that is  
love to thee,

I know it is the place I want to be.  
Columbus, Kans. H. Milton Jarrett.

~~~~~  
THORNS.

It is said if some bright florist
Would evolve a thornless Rose,
Shall we prize this stranger blossom
That must drop its nature pose?
We have found the sweetest roses
Hold the sharpest kind of thorn,
But we still prefer them greatly
Even when our hands are torn.

From the greatest mortal anguish,
Word of joy will quickly fly,
When the mother, weak and prostrate,
Hears her new born's lusty cry.
Penalties are with each blessing,
Shall we try our share to flee?
Rather let us, brave and dauntless,
Wear our thorn whate'er it be.

Waco, Tex., Aug. 6, 1916.

S. D. Gardner.

(In answer to a poem published in the last volume of the
Magazine entitled "The Days Gone-by".)

O, I see that apple orchard,
And I scent the wild perfume,
As I follow down the pathway
"Cross the meadows all a-bloom;
My very heart entangles
With that Honeysuckle vine,
And the breath of Water Lilies
Was as nectar all divine.

Then the chirrup of the Robin—
Sweetest messenger of Spring,
And my heart feels all a-tremble,
Like the flutter of a wing;
I feel so homesick when I hear
The piping of a quail,
And the mocking-bird a-flirting,
To his mate down in the vale.

Then I stood beside the river—
How it rippled as it ran;
The dripping moss was still a-clinging
Like a living human hand,
And golded-throated, silver-noted
Sweetest warblers everywhere;
O, Earth, so honey-laden!
My soul bows low in prayer.

Hopkins Co., Ky.

A. W.

~~~~~  
WINTER.

Colder the sun grows every day,  
Faster the flowers fade away,  
As early the sun sinks low;  
Thus the days grow short and colder,  
While Jack Frost is getting bolder,  
As he strikes a deadly blow.

While the hunter's moon is gleaming,  
Of the summer's nights I'm dreaming,  
In this chilly atmosphere.  
While autumn leaves are falling,  
And we hear the wild geese calling,  
Well we know that winter's here.

Sweet memories of summer time  
Will make the winter hour's sumblime,  
And cheer us on our way.  
The Crocus and the Daffodil,  
Are planning now our hearts to thrill,  
When they greet us some spring day.

Chicago, Ill.

Mrs. Emma P. Ford.

~~~~~  
THE BUTTERCUP MAIDEN.

Under a tree by the roadside,
A small yellow Buttercup grew;
Blooming in quiet contentment,
Drinking, each morning, the dew.

One day along came a maiden,
Looking for blooms in the grass;
The Buttercup wished it could call her
So we would be sure not to pass.

The maiden with eyes bright and shining,
Gathered the flower so fair,
And Buttercup felt very happy,
And proud to be placed in her hair.

So every year in the spring-time,
Off went the maiden in glee,
Seeking these small yellow flowers
Under the same dear old tree.
Oglesby, Ill. 1915. Genevieve I. Alexander (age 14)

~~~~~  
SPRING.

I love, I love the balmy spring,  
When the flowers bloom and the robins sing;  
I rejoice in the gentle April showers,  
The orchard bloom and the verdant bowers.  
Rowen Co., N. C. Pauline D. Shumann.

## FLORAL NOTES.

**California Poppies.**—We love these golden beauties. There are other shades, but we like the yellow best. We often place a few of them with sprays of their own foliage in a crystal vase, and the effect is charming. The blossoms have the sweet habit of closing at night and opening with the morning light. During mild winters the plants often live over, but we usually sow the seeds every spring.

Mrs. Ella F. Flanders.

DeWittville, N. Y., Aug. 15, 1916.

**Clarkia.**—My first summer's experience with Clarkia was, I thought, very successful.



CLARKIA.

The soil is rather sandy and not particularly rich. The secret seems to be to give each plant plenty of room.

D. Giles.

Oxford Co., Me., Nov. 22, 1916.

**Canterbury Bells.**—Two years ago, in a collection of perennial seeds, I received a packet of Canterbury Bells. They were planted and soon the seedlings appeared and developed into sturdy little clumps. The next spring these were transplanted, and in a short time they began to bloom. There were double and single and cup-and-saucer ones in a variety of colors, mostly shades of blue. They were beautiful.

Esther R. Seymour.

North Yakima, Wash., Dec. 17, 1916.

**Aquilegia.**—I have raised Aquilegia or Columbine for years. I had, at first, a dark-blue double, single purple, single blue and the wild red. I have let these self-sow, and I never uproot a seedling until it has proved itself. I have the white now, and seedlings of many shades of pink and darker colors. The seedlings germinate slowly, but it is a yearly delight to see what new blossoms will appear. The soil is sandy, and I give them no care beyond weeding a little.

D. Giles.

Norway, Me., Nov. 22, 1916.

**Coffee Grounds.**—A sister asks about coffee grounds. They are not a fertilizer, but are an effectual remedy where ants infest the growing plants. The coffee grounds scattered freely over the ground will cause the ants to disappear. If the plants are in a pot or box heap the grounds all around the edge.

Lufkin, Tex.

Mrs. Jennie Resico.

**Wild Cucumber Vine.**—I have good luck with the Wild Cucumber Vine, *Echinocystis lobata*, and think it a very nice vine for a porch. I raised some plants from seed last spring that grew 10 feet or more high, and when the flowers were covered with dew we could smell them for quite a distance. The plant, besides becoming a mass of white, fragrant flowers, is so clean, never being troubled with worms or insects.

Mrs. Roy Baker.

Potter Co., Pa., Dec. 15, 1916.

**Dwarf Morning Glories.**—Try the dwarf kind for a change this year, if you have never raised them. I planted mine in a round, mound-shaped bed, and was surprised, as you will be if you have never raised them, at their dainty beauty. They grow about one foot high, and are rather of a sprawling habit, so they cover a mound nicely, and are of many beautiful colors. These little floral beauties ought to be better known.

A. R. Corson.

Auburn Mills, Va., Nov. 24, 1916.

**Fatsia Horrida.**—This plant is especially noted for its bold, massive, sub-tropical foliage, and its strikingly beautiful, ornamental effect. It is a shade-lover, and prefers moist soil. It is especially adapted for the edges of ponds, rivers, etc. It attains a height of 16 feet, but dies down every winter. The blossoms grow in a globe shape, and are of a snowy whiteness.

S. L. Watkins.

Eldorado Co., Calif., Nov. 29, 1916.

**Schizanthus.**—I am sure if everyone knew what a lovely flower the hybrid Schizanthus or Butterfly Flower is as a house plant in pots or in a bed outdoors, it would be popular, indeed. The plants are easily grown from the seeds, bloom profusely, and are very handsome.

Mrs. R. Baker.

Potter Co., Pa., Dec. 28, 1916.

**Hollyhocks.**—To have the Double Hollyhocks, sow seeds of a good strain in the spring and just leave the plants out through the winter. The next year you will have fine plants that will bloom abundantly during the summer. The plants will grow and bloom in almost any soil.

R. Hupp.

Bucks Co., Pa., Nov. 15, 1916.

**Mimulus.**—I had some plants of Mimulus last year for the first time, and think them very pretty and odd. The plants are readily started from seeds, and bloom when very small, and folks exclaim when they see the little plants in bloom "How curious and pretty!". I like them well, and think others would, too, if they tried them.

L. H. Godfrey.

Portland, Ore.



SCHIZANTHUS.

## CORRESPONDENCE.

**From Ohio**—Dear Flower-loving friends: Here is a picture of a fine Geranium which I have had no way to measure, but I found a wide-mouthed bowl, commonly used in housework, that fitted over it nicely. It is a bright red, double, and the bloom is almost a perfect ball. I never saw a finer Geranium. I think it is the double Gen. Grant. I have plants of the old single Mrs. E. G. Hill which I have had for about twenty years. I have a beautiful Calla blooming, the old-fashioned tall Calla, and I think nothing could be more lovely. I bought a dwarf Calla



DOUBLE GEN. GRANT GERANIUM.

once, and kept it several years, and finally threw it out into the garden. It was a high-priced plant, but it was the biggest fraud I ever bought in the flower line. I have very good success with Amaryllis. I have had between thirty and forty blooms at once on mine. I set them out doors in the spring, and give them no attention until I bring them in in the fall. I water them sparingly until after the holidays, when I begin to bring them to the sunlight and warmth, and in March and April they bloom nicely.

Coalton, O.

Mrs. J. H. Ray.

**From Oklahoma.**—Mr. Park: We came to Oklahoma from Missouri two years ago. I like it here, but the winds blow very hard. The winters, however, are not so cold as in Missouri, and there are many pretty wild flowers here. In the garden such flowers as Cannas and Verbenas live over winter.

Fern Henry.

Center, Oklahoma, July 15, 1916.

## MAGAZINE APPRECIATED.

Dear Mr. Park:—I enclose money to renew my subscription to your Magazine. I missed it very much when it failed to come. I can hardly wait till I get it again.

Lebanon, Pa., Jan. 5, 1917.

Mary Horst.

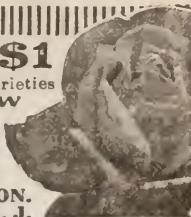
Mr. Park:—I have been a subscriber to your Magazine for two years, and have grown to like it, so that I look forward to its coming with anticipation. Mrs. C. T. Reese, Trego, Md., Jan. 4.

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## CHILDREN'S CORNER.

Dear Mr. Park:—I am a minister's daughter nine years old, and we live in the country. The name of our dog is Birdie. I like Pansies, Daisies, Lilies and Roses. I am also fond of wild flowers. Mamma has taken your Magazine for the last four years. I have a big doll and make all the clothes for her. Fanny E. Swede.  
Rock Rapids, Iowa, R. 2, Aug. 5, 1916.

## A BUNCH OF VIOLETS.

Once upon a time a little girl and boy were walking in the meadow. They were twins and very pretty children. Their names were Minnie and Jimmie. They were walking merrily along, when they saw a bunch of Violets. Jimmie said: "Let us pick them for the little sick girl across the field." So they picked them and carried them to the little sick girl, whose name was Flora. She was very happy when she got the blue Violets. Her nurse put them in a little green bowl and set them on a stand by her bed, where she could see them all day. Jimmie and Minnie were very happy when they were going home, much happier than if they had kept the Violets themselves. When Flora was well she went to see Minnie and Jimmie, and thanked them many times for the blue flowers so kindly brought her when she was ill. She is still waiting for the day when she can do something for them in return for the kind deed they did for her during her sickness. Ruth Greenawald.  
Hicksville, Ohio, Nov. 16, 1916.



## MAGAZINE APPRECIATED.

Dear Mr. Park:—I just want to add my word of praise for Park's Floral Magazine. I prize every word in it about flowers, and eagerly look forward each month to its coming. I never mean to quit taking it. I have been a subscriber for twenty years. Aunt May.  
Oakwood, Ill.

Dear Mr. Park:—I wish to renew my subscription to your Magazine. I have come the nearest to getting from it the plain floral knowledge that one needs than from any other Magazine I ever read. Mrs. R. W. Wilson.  
Newton, N. C., May 11, 1916.

## SEEDS Platte Valley Peerless — the Best Seeds Grown

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## CHILDREN'S CORNER.

Dear Mr. Park:—Mamma has taken your paper for 2 years and we could not do without it. I am a girl 14 years old and live on a farm of 108 acres. We have 4 cows, 4 horses, and 2 colts. I have 2 miles to go to school; my brother and I go a good bit of the time. I am a lover of flowers, Mamma has a good many this winter. We have a canary bird; he does not sing very much of the time.

Mina Crawford.

R. 2, Hookstown, Pa., Dec. 2, 1916.

Dear Mr. Park:—I am a lover of flowers and think the Carnation and Tulip are the prettiest, Mother takes your Magazine and I enjoy reading the Children's Corner. I am nine years old and in the fourth grade at school; it is one mile to school and five miles to town. I enjoy country life. I have a pet calf and some chickens and live on a farm of 160 acres. Chester Klusmire.

R. 1, B. 65, Holton, Kans. Dec. 8, 1916.

Dear Mr. Park:—I am a little girl 12 years old. I live in the city. We moved here last July. I like the country best because there are so many flowers of all kinds there. We have a large garden and have planted part of it in flowers; I have a garden of my own. The apple blossoms are just out now, and they are beautiful. I am sending you a little story that I wrote for your Magazine. I wish very much that you would print it. I have written a number of short stories and poems. I went to high school last fall and part of the winter, but in February I became so nervous and near sighted that I couldn't go. I love to read, Johnstown, N. Y., May 23, 1915.

Grace Vedder.

### WHITE ROSES.

Robert McGreggor was sitting in his office after a hard day's work. But he must wait. Miss Greggory was coming. She could not come earlier. Just then he heard a step in the hall. He arose to open the door for Miss Rose Greggory, who was a young lady about twenty-three years of age. She was a pretty girl with light-brown hair, blue eyes and a peaches-and-cream complexion. She wore a black-and-white checked suit, white shoes and stockings and a white hat. In her belt she carried a cluster of white Roses.

"Come in and be seated."

She did and it was not long before her business was done. As she arose to go her Roses slipped to the floor. He stooped to pick them up and stood spellbound.

"Be seated again please," he said, as he handed her the Roses. "I have a story to tell you that this little flower has brought to mind. I must tell you. I have only seen you once before, but I must tell you. This is my story:

"When I was a child I had a happy home. My mother and father were good to me. I had one sister named Rose. Rose and I loved white Roses.

"When I was twenty I wanted to come to the city to make my fortune. Father said: 'No!' Mother said: 'No!' So that night I ran away. It was the twenty-seventh of May and a beautiful night, too. Well, I came to the city and got a job and have made my fortune.

"I know that they have looked for me. But they couldn't find me, for I changed my name. My name is not McGreggor. It's McNally."

The girl, who had sat silent, jumped up as he uttered his true name.

"McNally! Robert McNally! My brother!" she cried, as she held out her hands to him.

[Concluded in next number.]

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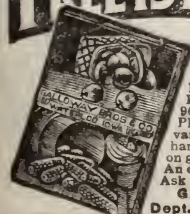
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8143—Ladies' Waist. Cut in sizes 36 to 42 inches bust measure. This waist is made with the back extending to front and long or short sleeves.

8135—Misses' Dress. Cut in sizes 14 to 20 years. The dress is cut in one piece.

8161—Ladies' Apron. Cut in sizes 36, 40 and 44 inches bust measure. The apron closes at the back.

8187—Girls' Dress. Cut in sizes 6 to 14 years. The dress is cut in one piece and may have long or short sleeves.

8221—Girls' Dress. Cut in sizes 8 to 14 years. Long or short sleeves may be used and the gathered skirt is cut in two pieces.

8173—Ladies' Dress. Cut in sizes 36 to 44 inches bust measure. The dress closes at the front and has a three gored skirt.



8139—Ladies' Shirt Waist. Cut in sizes 36 and 42 inches bust measure. Any of the pretty figured materials can be used for this dress.

8202—Girls' Middy Dress. Cut in sizes 4, 6, 8, 10 and 12 years. The middy slips on over the head and the separate skirt is cut in one piece.

8070—Ladies' Dress. Cut in sizes 36 and to 44 inches bust measure. The dress is cut in one piece and closes at the front..

8139—Children's Rompers. Cut in sizes 2, 4 and 6 years. The garment closes at the back and the bloomer section is in one piece.

8110—Ladies' Shirt-Waist. Cut in sizes 36 to 42 inches bust measure. Linen, madras or crepe de chine can be used for this waist.

8092—Ladies' Apron. Cut in sizes 36, 40 and 44 inches bust measure. The apron is cut in one piece.

8157—Ladies' Skirt—Cut in sizes 24 to 34 inches waist measure. The skirt is cut in five gores.

8131—Ladies' Skirt. Cut in sizes 24 to 34 inches waist measure. This skirt is cut in four gores.

8141—Ladies' Dress. Cut in sizes 36 to 42 inches bust measure. This dress is cut in one piece and closes at the front.

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### MEASURING ONE'S WORTH.

Don't measure one's worth by their money,  
Nor possessions of houses and land,  
But by kindly deeds they're bestowing,  
Which showeth a friendly hand.

If in boxes your money's in hiding,  
While others are starving to death,  
Burst open the boxes and help them  
Ere dear ones draw their last breath

If the burdens of others we lighten,  
A blessing upon us will roll,  
And 'twill surely outweigh all the money  
By the peace that comes to the soul.

St. Louis, Mo. Albert E. Vassar.

### GARDEN BEANS.

Last spring I exchanged with a Virginia lady who offered seed beans. She sent me 17 different sorts in mixture, bush and running varieties separately labeled. I planted each kind by itself. The beans have nearly all matured now, and I have raised some sorts that were grandma's favorites long ago, which we had lost seed of. Others I do not care for so much, but it has been a pleasure to watch them develop and conjecture what they would prove to be. They were early and late, and still later in maturing; some prolific and some shy bearers. From five beans of one kind I raised nearly half a pint of shelled beans (they are a sand-colored bush bean).

The various colors of the shelled beans make my collection quite interesting, and that package of original seeds has been almost as much a source of delight as a packet of Park's mixed flowers, and that is saying a great deal. Henceforth I think I can say truly that "I know beans," some of them anyway.

Miss L. Sheppard.  
Berryville, Ark.

### CHILDREN'S CORNER.

Dear Mr. Park:—I am a girl 10 years of age. I live a good distance from school about half a mile. I am in the sixth grade. My mother takes your Magazine. I like to read the Children's Corner and "Betty". I have a brother who is 12 years old. For pets I have a dog named Jack and a cat named Kit Carson and two roosters named John Banta and Betsy. I like flowers. I will write to any one who writes to me. I will tell you a riddle:

Thirty white horses on a red hill, now they prance, now they dance, now they stand still?

Ans. Teeth.

Hiddy! tiddy! up stairs, hiddy! tiddy! down stairs, if you touch hiddy tiddy, hiddy tiddy bite you?

Ans. Wasp.

When is coffee like the earth?

Ans. When it is ground.

Why does a dog gnaw a bone?

Ans. Because he can't swallow it.  
Alice Baumgartner.

Ste. Genevieve, Mo., Jan. 17, 1917.

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## THE SMILE.

A cheerful smile from any one,  
How nice it makes you feel!  
Fair to behold, worth more than gold,  
It fills your soul with zeal.

There're people round with lots of wealth,  
Who feel quite poor, indeed;  
They long for that, gold cannot buy—  
The smile and kindly deed.

St. Louis, Mo.

Albert E. Vassar.

## CORRESPONDENCE.

**From Missouri.**—Dear Mr. Park: Perhaps one of the most pleasing annuals I had last summer was the early flowering Cosmos. I had the plants in the center of a round flower-bed near my kitchen door. Around them I planted Gladiolus bulbs and used mixed Portulaca and Alyssum for an edging. The Cosmos were of three colors—rose, crimson and white. Their Fern-like foliage made a lovely background for the Gladiolus. The Gladiolus were not surpassed, or even equaled, by others I have had, and for which I paid as high as 10 cents each. Alyssum is fine for an edging, and the Portulaca blossoms are like so many bright, silken butterflies. Just try a bed of flowers like this close to a kitchen door or window.

E. Smith.

Pollock, Mo., Dec. 29, 1916.

## EDITORIAL NOTICE.

Information about southern Florida and the Mexican border—climate, fruits, flowers, industries, etc.—is called for by some readers.

**Booklet of Poems.**—From Mrs. Hannah L. Gowdy, Bernhards Bay, Oswego Co., N. Y., 83 years of age, I have received a neat little booklet of poems and prose that is quite interesting. It shows the efforts of an octogenarian. The price is not given, but it would probably be 15 or 20 cents. I wish the author many years of usefulness and happiness.

## MAGAZINE APPRECIATED.

Dear Mr. Park:—I cannot tell you how much I enjoy and appreciate your dear little Magazine, and I regret that the last two copies have not reached me. Please send them and see that my name is properly recorded.

Mrs. J. G. Langhome.

Willow, Va., Aug. 7, 1916.

**Ground of My Faith.**—"We have beheld and bear witness that the Father hath sent the Son—the Savior of the world. Whosoever shall confess that Jesus is the Son of God, God abideth in him and he in God."—I John iv:14, 15. —From Wm. W. Hamilton, Philadelphia, Pa., in answer to Mr. Thompson, Baltimore, Md.

## QUESTION.

**Ferns.**—I would like information on the care of Ferns, particularly the Boston Fern.—B. Gill, Niagara Falls, N. Y.



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RADISH BEETS CABBAGE PANSY ASTER

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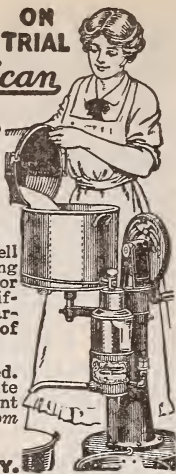
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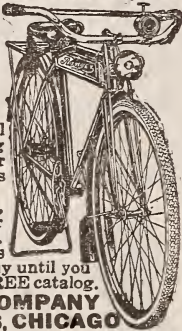
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## CHILDREN'S CORNER.

Dear Mr. Park:—I am a girl of 11 years and live in a large city. I am in the sixth grade. I take music lessons and am in the second grade. We have been getting your Magazine for many years, and I enjoy reading the Children's Corner.

Milwaukee, Wis., Oct. 5, 1916. Mae Rowan.

Dear Mr. Park:—I am a farmer's daughter 13 years old, and in the fourth grade at school. We have 133 acres. I like country life fine. I love flowers and birds. We have been taking your Magazine for a long time and like it fine. Post-cards exchanged.

Lila B. Dalton.

Dugspur, Va., R. 1, Box 33.

Dear Mr. Park:—I am 11 years of age and live on a farm of 160 acres. We have cows, geese, chickens, pigs and a nice team of horses. For pets I have a pair of rabbits and a nice little brown dog. There are nine children of us in our family, and five go to school. I have a twin sister named Cora. I like to go to school very much and like my teacher.

Nora La Fore.

Cocolalla, Ida., Oct. 2, 1916.

Dear Mr. Park:—I am a girl 10 years old and like to read your Magazine. I stay with my grandmother, and we have lots of flowers. I have a pet cow named Nellie, a pig named Harny, and a big dog named Major. We have lots of little chickens.

Zana E. Powell.

Little Falls, W. Va., Oct. 7, 1916.

Dear Mr. Park:—I am a girl 12 years old and walk 1½ miles to school. We have hot lunch at noon. We live five miles from town. I am a lover of flowers, especially of Sweet Peas, Pinks and Roses.

Florence G. Wilson.

Blue Springs, Neb., Aug. 8, 1916.

Dear Mr. Park:—I am a reader of your Magazine and think it very interesting. My mother raises many flowers every year. I like flowers, but seldom raise any. We live on a farm of 120 acres. I do not care for farm life, but I like the city. We live one mile from school and I go almost every day. I am in the first year of the high school. Am very fond of animals and of outdoor sports. I would like to see this in the Children's Corner Betty written by Dorothy Lintner is a very nice story and I read it every time the Magazine comes. Letters and post cards exchanged.

Wilhelmina E. Norris.

Ottoman, Va., Dec. 1, 1916.

Dear Mr. Park:—I am a little girl thirteen years old and live out a little way from Atlanta, Georgia, but I go to school in Atlanta and enjoy it very much. I am in the first grade high school and am taking a business course. I have a little colt and I love him better than I would if I had six horses as some of your other writers. I have taught him to tell me "howdy" and many other interesting things. I wish you could see him, he is only fourteen months old and is as fat and pretty as he can be. I read all the letters in the Children's Corner and enjoy reading your story "Betty". I am also interested in the part you have devoted to the flowers. We do not have manypot flowers but our yard is lovely. We have both summer and winter blooming flowers and some very pretty monthly and yearly roses.

Lucille Mooty.

Central Avenue, Egan, Ga. Nov. 12, 1916.

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## TIMES FOR SORROW, TIMES FOR JOY.

There are times when come the shadows,  
And times for joy all right;  
For life's journey is a winding  
Through the swamps and fields more bright.  
As we look ahead it brightens,  
And the distance in between  
Is not thought of, if we're hopeful,  
For through hope comes joy supreme.  
St. Louis, Mo. Albert E. Vassar.

## ABOUT BIRDS.

Dear Children: I wish to tell you of the birds in our yard in the city. At first we had but the English Sparrow that stayed all winter, and the Robins that came back in March. For several summers we have set out a pan of water, the pan three inches deep and one foot in diameter, and never allowed it to be empty, that they might bathe and drink in the dry, sultry weather. And now we have Humming-birds, Catbirds, Sparrows, Redbirds, Brown Thrushes, Yellow-hammers, Wild Canary, Jaybirds and Blackbirds. These last were the "naughtiest" but most interesting of all. They did not come till August, then they came stepping through the yard (you



know they do not hop but step as we do) boldly, like so many prizefighters, striking right and left at every bird in sight, not a bird on the place brave enough to fight back, except one proud Jay, who raised his crest and seemed to say: "Go out, or I'll drive you out!" But he, too, flew into a tree for safety, there to listen to the black invaders croaking over their victory.

One summer day, when the thermometer told us that it was 100° warm, and growing warmer, I threw out a piece of very dry bread to a Blackbird near the pan of water. He threw it in the water to soak and jumped in beside it. There he stayed for over an hour, feasting, bathing and keeping cool, till he ate the last morsel. Many birds came and begged a bite or a drop of water, but they did not get it. Four baby Sparrows came several times, but his green eyes and savage croak hurried them back to their mother.

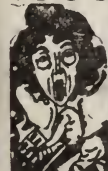
I will tell you sometime of the pranks of a pet Blue Jay. Mrs. L. T. Gage.  
Topeka, Kan., Sept. 27, 1916.

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When Maple Leaves Are Falling Wonder Who's Kissing Her Now When I Lost You Memories  
Among the Sheltering Palms Call Me Some Rainy Afternoon Sweetheart Days I'm the Guy  
When the Roses Bloom Again Mother -- A Word That Alexander's Ragtime Band On Moonlight Bay Grizzly Bear  
Till Sands of Desert Grow Cold Means the World To Me When We Were Two Like the Boys Ragtime Violin  
Rebecca of Sunnybrook Farm There's a Girl in the Heart When I Get You Alone Tonight My Hula Hula Love Red Wing  
Where the River Shannon Flows Are You From Dixie? Waiting for the Robert E. Leo On Mobile Bay Hiawatha  
When I Dream of Old Erin Trail of the Lonesome Pine Stop, Stop, Stop Oh You Kid  
I'm On My Way to Dublin Bay Let Me Call You Sweetheart Just Next Door Mr. Pony Boy  
Sailing Down Chesapeake Bay Will the Angels Let Me Play? Oh Mr. Dream Man School Days  
Dawn of a Perfect Day Roses Bring Dreams of You Mysterious Rag Oceana Roll  
When the Angels Is Kinging Great Big Blue Eyed Baby Oh You Little Bear Red Rose Rag  
I Love the Whole United States Silver Threads Among the Gold Old Maid's Ball Row, Row, Row  
There's a Little Spark of Love Still Burning; I Didn't Raise My Boy to Be a Soldier; If You Don't Like Your Uncle Sammy, etc.

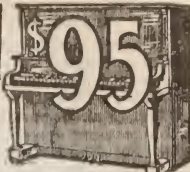
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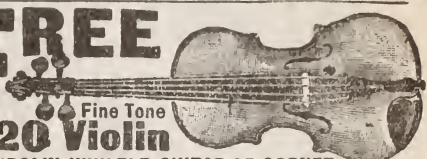
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1945—Child's Set of Short Clothes. Cut in sizes 1, 2, 3 and 4 years. It requires for the dress,  $2\frac{3}{4}$  yards of 36-inch material; for the drawers,  $\frac{3}{4}$  yard; for the slip,  $1\frac{1}{2}$  yards, for a 2-year size.

2000—Ladies' Dress with Body Lining. Cut in sizes 32, 34, 36, 38, 40 and 42 inches bust measure. It requires six yards of 44-inch material for a 36-inch size.

1909—Coat Dress for Misses and Small Women. Cut in sizes 14, 16, 18 and 20 years. It requires six yards of 44-inch material for a 16-year size.

2005—Ladies' Shirtwaist, with or without Yoke. Cut in sizes 34, 36, 38, 40, 42, 44 and 46 inches bust

measure. It requires  $3\frac{3}{4}$  yards of 36-inch material for a 36-inch size.

1990—Ladies' Apron and Sleeve Protector. Cut in sizes 34, 38, 42 and 46 inches bust measure. Size 38 requires five yards of 36-inch material for the apron, and  $\frac{3}{4}$  yard for the sleeve protector.

2004—Junior Dress. Cut in sizes 12, 14 and 16 years. It requires  $5\frac{1}{4}$  yards of 36-inch material for a 14-year size.

1947—Ladies' House Dress. Cut in sizes 34, 36, 38, 40, 42, 44 and 46 inches bust measure. It requires  $6\frac{3}{4}$  yards of 36-inch material for a 36-inch size.



2001—Ladies' House Dress. Cut in sizes 34, 36, 38, 40, 42, 44 and 46 inches bust measure. It requires 6½ yards of 36-inch material for a 36-inch size.

2002—Boys' Russian Suit, with or without Shield. Cut in sizes 2, 3, 4 and 5 years. It requires 3¾ yards of 36-inch material for a 4-year size.

1970—Ladies' Kimono. Cut in sizes 34, 36, 38, 40, 42 and 44 inches bust measure. It requires 5½ yards of 44-inch material for a medium size.

1968—Girls' Dress. Cut in sizes 4, 6, 8, 10 and 12 years. It requires 3¾ yards of 44-inch material for a 6-year size.

1982 (Blouse) and 1992 (Skirt). A Good Suit for

Sport and School. The Patterns are cut in three sizes: 16, 18 and 20 years. The skirt requires 3½ yards of 36-inch material for a 16-year size; the blouse requires 3¼ yards. TWO separate patterns. Eight cents for EACH pattern.

1971—Ladies' Dress. Cut in sizes 34, 36, 38, 40, 42 and 44 inches bust measure. It requires six yards of 44-inch material for a 36-inch size.

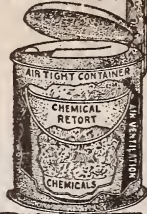
1991—Girls' Dress with Gulmpe. Cut in sizes 8, 10, 12 and 14 years. It requires 1½ yards of 36-inch material for the gulmpe, and 3½ yards for the dress, for a 12-year size.

## Comfort Indoor Closet Odorless Sanitary Germ-Proof

Every home without sewerage needs one. Most convenient, meritorious home necessity in a century. A boon to sick people. Can be placed anywhere in house.

### Abolish Outdoor Closet

Put a warm Comfort Toilet in your home, a guarantee of healthy, sanitary conditions. Germ-life killed by chemicals in retort. Emptied once a month—no trouble. Needs no other attention. Boards of Health endorse it. Write now for literature, prices, etc. Agents Wanted—Exclusive territory.



SENT ON 30 DAYS  
FREE Trial

COMFORT CHEMICAL CLOSET CO., 5102 Factory Bldg., TOLEDO, OHIO

## Pain Paint

full directions to make sixty 25-cent bottles. Pain Paint relieves pain; Headache, Toothache, Neuralgia; cools the parts where applied. Superficial burns will not blister. Sold 40 years by agents.

R.L. WOLCOTT & SON, 10 Wolcott Bldg., New York

### CASH

paid for butterflies, insects. Some \$1 to \$7 each. Easy work. Even two boys earned money with mother's help and my pictures, descriptions, price list, and simple instructions on painless killing, etc. Send 2c stamp at once for prospectus.

SINCLAIR, Box 244, D77, Los Angeles, Cal.



### HELP WANTED.

**MEN—WOMEN WANTED.** \$100 month. Government jobs. Vacancies constantly. Write immediately for list positions obtainable. Franklin Institute, Dept T-34, Rochester, N. Y.

### HELP WANTED, FEMALE.

**LADIES TO SEW** at home for a large Phila. firm: good pay; nice work; no canvassing. Send stamped envelope for prices paid. Universal Co., Dept. 49, Walnut St., Philadelphia, Pa.

### HOME WEAVING.

**LOOMS—ONLY \$8.50—BIG MONEY IN WEAVING** rugs, carpets, etc., from rags and waste material. Be sure to send for free loom book. It tells all about weaving and our wonderful \$8.50 and other looms. Union Loom Works, 222 Factory St., Boonville, N. Y.

### HELP WANTED, MALE.

**WE PAY \$80 MONTHLY SALARY** and furnish rig and expenses to introduce guaranteed poultry and stock powders. BIGLER COMPANY, X 364, Springfield, Ill.

**MAN to wear fine suit, act as agent.** Big pay, easy. BANNER TAILORING CO., Dept. 537, Chicago

### AGENTS WANTED.

**WOULD \$150 MONTHLY** as General Agent for \$150,000 corporation and a Ford auto of your own, introducing Stock and Poultry remedies, Dips, Disinfectants and Sanitary Products, interest you? Then address Royoleum Co-Operative Mfg. Co., Dept. 57, Monticello, Ind.

**Guaranteed watch or gold plated bracelet** free to boys and girls for placing sample packet seeds with friends. Eckert Seed Co., B-56, Ciy, Pa

### MAGAZINES.

30 DIFFERENT MAGAZINES, value \$3.00. All late issues. Yours for 25c. Eastern Bureau, New Egypt, N. Y.

### POST CARDS.

**TWELVE SUPERB Valentine, Easter or Birthday Post Cards** 10c. Richard Lavery, Asbury Park, New Jersey.

**SPIRAL SPRING CURTAIN ROD:** fits any window, put up in minute: tremendous seller; sample 10c; circulars free. Moore Co., 900 Jerome Ave., Cincinnati.

### SILK

**WONDERFUL BARGAINS.** 4-pound Bundles of beautiful Silk Remnants for fancy work, quilts, portiers, pillows, etc. Send 10c for big package of large lovely pieces. Agents wanted to sell silk, velvets, and other remnants Union S. Works, 205 Factory St., Boonville, N.Y.

## SOUTHERN GIRLS RURAL CLUBS.

**Mr. Park:**—The increased interest in gardens in the South began with tomato gardens among the rural girls of two Counties, one being in Virginia, and the other in South Carolina. Since that time fifteen Southern States have taken up the idea, and here in our State (South Carolina), thirty-five Counties have what is known as the Home Demonstration Work. We have a State agent, Miss Edith L. Parrott, and she has two assistant State Agents. Then each County in the work has a County agent, who directs the work in the various Counties. It is now not only garden work with the girls, but in addition cooking and poultry work with them, and rural clubs for the rural women. In the clubs we discuss home problems, and how to better home conditions. To be sure each agent works out her own ideas, and therefore solves her problems in an individual way. Personally I do a lot of work directly in the house. I am not a "parlor" but a "kitchen" visitor. It is this personal touch which means most. I think the garden work has grown to mean more than just Tomato culture. Our girls raise a large variety of things, and then do their own canning—oft-times that of the whole family. I have one example, in particular, where the girl had never canned anything in her life. This year she did all the canning for her own family, and a large part of that of her neighbors. These clubs furnish countless opportunities for teaching valuable lessons along many lines, and one of these is the appreciation and culture of flowers and home adornment. At present all of the County agents of South Carolina are gathered at Winthrop College for a month's course along the line of our work. We shall all leave for respective Counties at the close of this month, and I shall be glad to get back once more to "my people". I miss my girls and women so much! One of the County Agents, Winthrop College, S. C., Jan. 13, 1917.

### CORRESPONDENCE.

**From Maryland.**—Mr. Park: The Daisy is my birth flower, so I am trying to make a border of all kinds. I have Shasta and Ox-eye, and want blue and yellow Daisies to help out. I also intend to get the perennials: Armeria or Thrift; Catanache or old-fashioned Cupid's Dart; Gazania (a gorgeous yellow flower with a spotted zone around it), Erigeron, Honesty, Lychnis viscaria, Silene of any kind (Pendula or Schafta preferred), pink Lebanon Candytuft, Aubrietia, Galega officinalis, from Europe, said to be eaten by the goats in the highlands where it grows wild, and increases the supply of milk; Jasione Perennis, shepherd's flower, blue; Pyrethrum, Scutellaria or Skullcap (an interesting blue flower from Lake Baikal, in Siberia). Veronica spicata, blue, Stokesia Cyanea, Doronicum caucasicum, Gentiana acaulis, a popular favorite in English gardens, and Francoa ramosa. Let us all plant plenty of perennials this year and next year reap a glorious crop of beautiful hardy flowers.

Baltimore, Md.

Will Thompson.

## GYPSY FORTUNE TELLER

### And Dream Book

Know thy future. Will you be successful in Love, Marriage, Health, Wealth and Business? Tells fortunes by all methods, cards, palmistry, tea cup, zodiology, etc. Gives lucky and unlucky days; interprets dreams. A large book by mail for 10c. Earn money telling fortunes.

Royal Pub. Co., 520 Locust St., Phila., Pa.

**HUSTLERS—\$20 to \$30** made weekly distributing circulars, samples, tacking signs, etc. Advertisers National Agency, Dept. P. F., Chicago



## ABOUT EXCHANGING

What I know about exchanges I have learned from experience. Do you all realize how kind Mr. Park is, to allow us the exchange column without cost? I do think, in justice to him, that we who profit by it should, at least, be decent, and do our best to have it successful and satisfactory.

First, then, try to answer every letter and card you receive; second, in answering an exchange or writing to anyone for information, enclose a stamped and directed envelope or, at least, a stamp. You are sure of a prompt reply by so doing, and the exchanger will rise up and call you blessed. It does not mean much to you, only two cents, but to her, who is probably receiving from three to 12 letters every day for two months, you can see what it means. I have never reckoned up what the postage has cost me. If I did I should probably drop dead.

Were it just for the plants, I should never consider an exchange for a moment. I could buy my plants cheaper. But the charming people one meets, the fine, interesting letters one gets, and the dear friends you make are well worth all it costs. A certain percentage (May their number never grow less!) do send stamps, enough to keep one from utter ruin.

Pack carefully. One has to learn to do this. Certain plants, like Iris, Peonies (these require the little pink sprouts protected), Day and Lemon Lilies, Tulips and Narcissus, do not require wet moss or waxed paper. But they do require a box or heavy paper, thoroughly tied. I find small tags much more satisfactory than putting the address on the wrapping. Do not use cotton, if sending a long distance. It heats, and actually cooks the plants. Do not wrap up the tops of green plants. Do not leave open spaces in the box, but fill up tight with paper or excelsior. Be sure to put your own name and address on the tag or wrapper. I have had some packages that I never knew who sent them, and they are probably calling me hard names. Always acknowledge the receipt of a package as soon as possible. If destroyed or in bad shape, say so pleasantly, and, if possible, make good anything destroyed or damaged. But it only costs a penny to say, "All right; thank you," and both sides feel better.

Some one wrote me, asking for an Amaryllis bulb, as she had never seen one. She had nothing to offer in exchange, and it must be blooming size, as she was an old lady, and wanted to see it bloom before she died. I had none to spare, but I love old ladies, so I sent to a florist in Florida to send her one. He wrote me he did so. I wrote her I had sent it, but I never heard one word from her in reply. After a few weeks I wrote again; no use—no answer. These things slightly curdle the sweet milk of human kindness.

Try always to give equal value for what you receive. If anything, put in a little more, and if you answer an exchange try to keep an account of what you promised to do. The exchanger cannot always do this. I do not try. I put down in a notebook what I am to send them, and expect the other party to do their part.

We are in this thing for the pleasure of it. Let us remember this, and try to make it as pleasant as we can.

One thing more: Never send an Amaryllis or Crinum bulb unless carefully wrapped in paper, and in a box. I have lost several sent just wrapped in paper. One choice bulb, small, too, I paid 40 cents for, was just wrapped in a newspaper. It looked as if a steam roller had gone over it. It was smashed flat and utterly worthless. I wrote but got no satisfaction, so that transaction went down in the loss column.

One thing more: If you send to extreme southern or western states, try to send in late fall. Their springs are so much more advanced than ours that by the time we can send hot weather is upon them. I sent away last fall a good many Rose cuttings, which were not packed properly, I fear, as several recipients have written me that the cuttings were too dry to grow. If each of these people will drop me a card another year I will send them some more. Mrs. E. B. Murray.

Ballston Lake, N. Y., Jan. 14, 1917.

# Deafness



Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

## Wilson Common-Sense Ear Drums

"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

WILSON EAR DRUM CO., Incorporated  
618 Inter-Southern Bldg. LOUISVILLE, KY.



### SIX ELEGANT LACE CURTAINS FREE TO LADIES

Send no money. Simply name and address. We will send you, postpaid, 12 boxes of our famous White Cloverine Salve, also 12 beautiful Art Pictures, 16x20 in. Sell the Cloverine at 25c. each and give one beautiful picture free with each box. Return us \$3 collected and we will immediately send you six (three pair) beautiful Nottingham Lace Curtains nearly three yards long. You will be proud of them. Everyone buys after you show pictures—stores usually charge \$1 each for them. A doctor discovered "Cloverine." Millions using it for Cuts, Eczema, Piles, Colds, Catarrh. Write to-day.

**The Wilson Chemical Co.**  
Curtain Dept. No. 742, TYRONE, PA.



## How to Reduce

# Fat

by a simple easy method Mrs. B. Meyers

of N. J., writes: "It reduced me 47 pounds Six years ago and I have not gained any since."

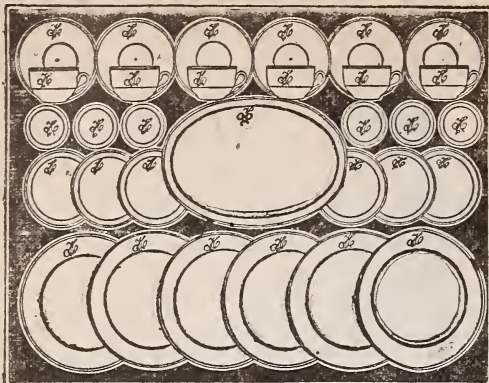
Full particulars & Triturates mailed Free to any one.

Hall Chemical Co.  
Dept. B-19, St. Louis, Mo.

# FITS: My Daughter Cured

To you who suffer write today. I will tell you of a preparation that cured my daughter. I am so grateful for her recovery that I will gladly send you a FREE bottle of this wonderful medicine by mail. S. Lepso, 895 Island Av., Milwaukee, Wis.

**TOBACCO HABIT** Conquer it happily in 8 days, improve your health, prolong life, avoid stomach trouble, nervousness, foul breath, heart disease. Regain manly vigor, calm nerves, clear eyes and superior mental strength. Whether you chew; or smoke pipe, cigarettes, cigars. Get interesting Tobacco Book. Worth its weight in gold. Mailed free. E. J. WOODS, L 360, Station E, New York, N. Y.



## 31 PIECE GOLD INITIALED DINNER SET FREE

For A Few Hours Easy Work

Every piece pure white, high grade china; blue edge and gold initialed. One of the richest looking, most stylish Dinner Sets on the market. Absolutely up-to-the-minute and of undisputable quality. Guaranteed not to craze. Will add beauty to any table. Get this set. Merely give away FREE 12 Beautiful Art Pictures 16x20 inches (sold for \$1.00 each in many stores) with 12 cans of White Cloverine Salve, which you sell at 25c. each. Millions using it for cuts, eczema, catarrh, colds, piles, burns, etc. Send us the \$3.00 collected and the set is yours. We've been making these offers for 20 years. The Wilson plan is the easiest and absolutely square. No money required. Simply send name and address. Pictures and Salve sent promptly prepaid.

WILSON CHEMICAL CO. Dept. 940, TYRONE, PA.



## Indoor Closet

More Comfortable,  
Healthful, Convenient

Eliminates the out-door privy, open vault and cess-pool, which are breeding places for germs. Have a warm, sanitary, odorless toilet right in your house. No going out in cold weather. A boon to invalids. Endorsed by State Boards of Health.

### ABSOLUTELY ODORLESS

Put It Anywhere In The House

The germs are killed by a chemical process in water in the container, which you empty once a month. Absolutely no odor. No more trouble to empty than ashes. Closet absolutely guaranteed. Write for full description and price.

ROWE SANITARY MFG CO. 293-B ROWE BLDG., DETROIT, MICH.  
Ask about the Ro-San Washstand—Hot and Cold Running Water Without Plumbing

## You May Win This Gift

|    |    |
|----|----|
| 13 | 25 |
| 1  | 21 |
| 20 | 15 |

Each square here represents a letter—but figures are used instead of letters. There are 26 letters in the alphabet. Letter A is 1, B is 2, C is 3, etc. The six squares make six letters and spell two words which will interest you mightily.

If you can make out the words send them with a 2c stamp to cover postage—agree to show my offer and mds. to your friends and I will send you a gift package that will surely please you. Send 2-cent stamp quick.



THE GIFT MAN, 512 New Ideas Bldg., Philadelphia, Pa.



## DOCTOR BOOK Only 25c

Treat Yourself

The Ever Ready Doctor teaches how to treat yourself right at home no matter what your disease is or how long you have had it. Over 500 treatments for all curable diseases. If you have Stomach troubles, back, side or shoulder aches, Dyspepsia, Colic, Gas, Headache, Constipation, Catarrh, Nervousness, Blue, Rheumatism, Gail Stone, Rupture or any disease whatever this great book will show you how to treat yourself at home and save doctor bills. \$2.00 value for 25c postpaid, 35c in Canada. Mention your affliction.  
Dr. W. B. House, Md 4318 Lincoln Ave., Chicago, Ill.

## EXCHANGES.

Mrs. Mittie Clark, Scottsburg, Va., has a pair of turkeys to exchange for a pair of pea-fowls.

Mrs. E. E. Topper, Mohler, Wash., has Garden Peas for Lilies, bulbs and perennials.

Miss Lottie Clark, Nymore, R. 2, Minn., has Balsam sachets and pillows for bulbs, Sage plants, perennials.

Mary Horst, R. 4, Lebanon, Pa., has postal views from every state to exchange.

Mrs. H. Wood, Bay, Calif., has Gladiolus bulbets for Lilies and Pond Lilies.

Mrs. Sam Jones, Spencer, Ia., has Gladiolus, seeds, vines, plants for Perennial Peas, seeds, plants.

H. L. Swiggett, 3100 Vista St., Woodridge, D. C., wants Cacti in exchange.

Mrs. F. Schlegel, Box 4, Otis, Kan., has Peach and Apricot seedlings for Mock Orange, Hydrangea, Weigela, Rambler Roses.

J. E. Baronowsky, 629 Taylor Ave., Evansville, Ind., has choice named Dahlias to exchange for Japan Iris, Nerine, Valotta and Fancy Caladiums. Write.

Chas. Smith, Clarence, Ia., has seeds of Red Sunflower to exchange for White or Yellow Gladiolus or Pansy plants.

L. B. Coleman, 406 Franklin St., Selma, Ala., has Cannas, Banana plants, Spider Lilies for Crinum and Dahlias.

Mrs. Norma Shookman, Goshen, Ind., has Gladiolus in pinks and yellows to exchange. What have you?

**FREE Poultry Book** tells how to save all your baby chicks with simple home solution. Write Reefer Poultry Expert 312 Reefer Building, Kansas City, Mo.

## A WOMAN FLORIST

### 6 Hardy Everblooming 25¢

On their own roots  
ALL WILL BLOOM  
THIS SUMMER

Sent to any address postpaid; guaranteed to reach you in good growing condition.

### GEM ROSE COLLECTION

Bessie Brown, Creamy White.  
Rhea Reid, Rosy Crimson.  
Clothilde Souper, White and Pink.  
Snowflake, Pure White.  
Radiance, Brilliant Carmine.  
Fres. Taft, Brightest Pink.

### SPECIAL BARGAINS

6 Carnations, the "Divine Flower," all colors, 25c.  
6 Prize-Winning Chrysanthemums, - - - 25c.  
6 Beautiful Coleus, - - - 25c.  
3 Flowering Cannas, - - - 25c.  
3 Choice Double Dahlias, - - - 25c.  
3 Choice Hardy Iris, - - - 25c.  
10 Lovely Gladioli, - - - 25c.  
10 Superb Pansy Plants, - - - 25c.  
15 Pkts. Flower Seeds, all different, 25c.

Any Five Collections for One Dollar, Post-Paid. Guarantee satisfaction. Once a customer, always one. Catalog Free.

MISS ELLA V. BAINES, Box 53 Springfield, Ohio



## NEUBERT'S BOOK FREE.

Finest, Biggest, Most Valuable Poultry Guide. 62 BREEDS. Chickens, ducks, geese, turkeys. Hardy, pure bred, beautiful. Fowls, eggs, incubators at low prices. America's Pioneer poultry farm. 22 years at it. BOOK and Catalog FREE. F. A. NEUBERT, Box 630 Mankato, Minn.

**LYCORIS SQUAMIGERA**, often known as Amaryllis Halli, large, fine bulbs, direct from Japan, only 30 cents each. I have a limited stock of this rare flower. Order at once. Geo. W. Park, LaPark, Pa.

## Don't Whip Children

Or scold older persons who wet the bed or are unable to control their water during the night or day, for it is not a habit but a disease. If you have any Kidney, Bladder or Urinary Weakness, write today for a Free Package of our Harmless Remedy. When permanently relieved tell your friends about it. Send no money. Address  
**ZEMETO CO., Dept. 8, Milwaukee, Wis.**



Initials or Date Engraved Free

Friendship or Anniversary RING

your size, for 12c., both for 25c. Warranted Sterling or Rolled GOLD.

Friendship Jewelry Co., 83 Chambers Street, Dept. 65, New York



## CHILDREN'S CORNER.

Dear Mr. Park:—Mamma and I are great lovers of flowers. We had just glorious luck with flowers this year. We have five flower-beds. I live on the outskirts of town, but I'd rather live in the country. We have a real pretty place here, and plenty of space to raise flowers. There are three big Oak trees in front, and a Crabapple tree with just as sweet apples on as any other. I love to watch the little birds building their nests. We have a pair of little wrens that built their nest in a little house my brother put up in the Peach orchard. We have six bird-houses up. I love nature as well as flowers, though flowers are nature. My brother and I are always writing poems. I will close with a poem I have written myself.

### NATURE'S CHILDREN.

Where the gentle breeze is blowing  
O'er the hills and o'er the plain.  
Where the little brook is flowing,  
Nature has a silent reign.

No! I err: she is not silent,  
For a sweetly singing bird  
Just beyond, up in the Pine tree,  
By someone is not unheard.

Oh, Nature! you are best and truest,  
And I love you fond and free.  
Sweet the carol of your brooklet,  
And the song-bird in the tree.

Bellevue, Mich., July 11, 1916. Mary Blank.

### MAGAZINE APPRECIATED.

Dear Mr. Park:—Enclosed please find ten (10) cents for another year's subscription to your very interesting and helpful little Floral Magazine. I have been a subscriber for only one year, but don't want to miss any copies in the future. I do enjoy the talks on plants and flowers, and the letters from the plant-lovers.

Mrs. H. E. Zwicker.

Ward Hill, Mass., Sept. 27, 1916.

## Start a Friendship-Maid-Link-Bracelet LINKS ONLY 12c



### STERLING SILVER ROLLED GOLD

Start a Friendship-Maid-Link-Bracelet, latest New York fashion. We start yours by giving you one link absolutely FREE engraved with 3 initials. Your friends give or exchange others. What more beautiful token or sentiment could be expressed. Send to-day for one or more LINKS (12c. each) stating initials, Rolled Gold, Sterling Silver, Beaded or Plain design wanted. Start with Link and Ribbon we give FREE with first 12c order or more. Friendship Jewelry Co., 83 Chambers St., Dept. 806 New York



### GENUINE PREMO CAMERA FREE

Or choice of Watch or Silverware or Electric Flashlight, or choice from our large list of premiums given for selling



20 pkgs. Post Cards or 20 Religious and Art Pictures at 10c each, your choice. Order today.



HERMAN & CO., 2310 Lincoln Ave., Dept. 715, CHICAGO

## BROOKS' NEW CURE

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Blinds and draws the broken parts together as you would a broken limb. No salves. No plasters. No lies. Durable, cheap. Full information and book on rupture FREE. Sent on Trial. C. E. BROOKS, 232 State Street, Marshall, Michigan



# Sister: Read My Free Offer!



I am a woman.  
I know a woman's trials.  
I know her need of sympathy and help.

If you, my sister, are unhappy because of ill-health, if you feel unfit for household duties, social pleasures, or daily employment, write and tell me just how you suffer, and ask for my free ten days' trial of a home treatment suited to your needs. Men cannot understand women's sufferings. What we women know from experience, we know better than any man. I want to tell you how to cure yourself at home at a cost of about 12 cents a week.

If you suffer from women's peculiar ailments causing pain in the head, back, or bowels, feeling of weight and dragging down sensation, falling or displacement of pelvic organs, causing kidney and bladder weakness or constipation and piles, painful or irregular periods, catarrhal conditions and discharges, extreme nervousness, depressed spirits, melancholy, desire to cry, fear of something evil about to happen, creeping feeling along the spine, palpitation, hot flashes, weariness, sallow complexion with dark circles under the eyes, pain in the left breast or a general feeling that life is not worth living,

### I INVITE YOU TO SEND TODAY FOR MY FREE TEN DAYS' TREATMENT

and learn how these ailments can be easily and surely conquered at home without the dangers and expense of an operation. When you are cured, and able to enjoy life again, you can pass the good word along to some other sufferer. My home treatment is for young or old. To Mothers of Daughters, I will explain how to overcome green sickness (chlorosis), irregularities, headaches, and lassitude in young women and restore them to plumpness and health. Tell me if you are worried about your daughter. Remember it costs you nothing to give my home treatment a ten days' trial, and does not interfere with daily work. If health is worth asking for, then accept my generous offer and write for the free treatment, including my illustrated booklet, "Women's Own Medical Adviser." I will send all in plain wrappers postpaid. To save time, you can cut out this offer, mark your feelings, and return to me. Send today, as you may not see this offer again. Address,

MRS. M. SUMMERS, BOX 51, NOTRE DAME, IND., U. S. A.

# Beautiful Watch AND SIX CHARMING PIECES JEWELRY FREE



**EARN THESE QUICK.** Beautiful Watch, also one Gold pl. Bracelet, one charming Pendant, set with imi. diamonds and Four Beautiful Rings. **BIG VALUE.** Sell 12 boxes white Cloverine salve at 25 cents per box, give beautiful 16x20 in. picture FREE. Return us \$3.00. Be first in your town. Write today for 12 boxes. The Wilson Chemical Co., Dept. A 47 Tyrona, Pa.



# GOITRE

## REMOVED AT HOME

Without Operation or Danger

## A \$2.50 Treatment FREE



You may test my simple Home Treatment for Goitre Without Cost or Obligation. Hundreds report immediate results after other remedies had failed. "My goitre is cured, and am feeling fine. I improved before taking medicine a week," says Mrs. C. W. Hahn of North Jackson, Ohio. Mrs. W. A. Pease of Creston, B. C., Can., writes: "A friend in Alberta got your treatment and was cured. I concluded to try it, and after using one treatment, my goitre entirely disappeared."

The treatment quickly stops choking and other disagreeable symptoms. Does not interfere with work. No danger. Prevents operation. Send coupon today.

## \$2.50 FREE COUPON

This coupon is good for \$2.50 Test Treatment mailed free in plain package if accompanied by 10c in STAMPS or SILVER to cover postage. Address DR. W. T. BOBO, Battle Creek, Mich.

Age? \_\_\_\_\_ How old is Goitre? \_\_\_\_\_ yrs.  
Nervous? \_\_\_\_\_ Hands Tremble? \_\_\_\_\_  
Do eyes bulge? \_\_\_\_\_ Does heart beat too rapidly? \_\_\_\_\_ Health? \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

803

## CORRESPONDENCE.

**From Kentucky.**—Mr. Park: I wonder how many know that Coleus are easily raised from seeds! From one packet I raised 12 beautiful plants, no two alike. From one packet of Cyclamen seeds I have eight little bulbs about as large as my thumb. I am expecting lots of blooms in the spring. The brightest spot in my garden was a bed of California Poppies. The colors ranged from cream to orange. They bloom in a short time from seeds. Mrs. L. M. Bailey. Campbellsville, Ky., Nov. 16, 1916.

**From Pennsylvania.**—Dear Mr. Park: I have just secured a big club of subscribers for your Floral Magazine, each to receive the Gladiolus premium, and I trust they will all be Gladiolus enthusiasts before another season. Last spring I did not know the Gladiolus, but the bulbs were carefully placed in the ground; and how anxiously the plants were awaited! At last the long-looked-for flowers began to open; and what a pleasure! and what a treasure! We had Gladioli for breakfast, dinner and supper, right on the dining table until we ran out of blooms, and everyone of the family decided that we had in our yard a flower as beautiful as the delicate, hard-to-raise Rose. I did not imagine anything so beautiful could come from the onion-looking bulbs. It was, therefore, only natural that this spring I should get busy and rake up a big club, and so I am sending 25 subscriptions with this letter. I hope the new subscribers will be as well pleased with the premium as I was. Very truly,

Harry J. Downie.

Dauphin Co., Pa., March 21, 1916.

**From Maryland.**—Mr. Park: The landscape around Baltimore is of rolling hills, in many places precipitous, and often rocky and wild, forming beautiful dells of rugged scenery of a peculiar sylvan beauty, especially in the autumn, when the sun may be caught burning through long, shadowy glades in a riot of color amid the burnished and falling leaves of the trees. Down some rocky stairway a ruddy beam may pierce the solitude, like the spirit of an Indian god, some shining Great One, come to look after the welfare of his one-time devout children. But all is changed. The Indian is no more in these parts, and the almost oppressive stillness will be broken only by the footsteps of a hurrying rabbit or a foraging squirrel on the lookout for food, and the stranger is left to his dreams by winding, leaf-strewn path or foaming waterfall. Gwynn's Falls is a charming spot just beyond the city that I often visit; and there are numerous other beauty spots farther afield, to north, west and south; and our wild flowers in the springtime are worth seeing.

Will Thompson.

Baltimore, Md.

## Relief to Ruptured People

Any appliance is a truss. Ruptured people must wear some kind of support. Our New Sponge Rubber Pad (pat'd) is velvety, soft to the skin, pliable, cannot slip, extremely comfortable, adapts itself to ruptured parts with less pressure, is sanitary, long lived. Massages and strengthens muscles, allows blood circulation and produces many cures.



52 Styles of Trusses  
25 Different Pads

### New Scrotal Pad Needs No Leg Strap

Our new scrotal pad (pat'd) holds 8 out of 10 cases of hernia perfectly without strap between legs.

**Free Sample Pads** A Sample Akron Sponge Rubber Truss Pad (pat'd) will be sent absolutely FREE upon request, also booklet "Relief to Truss Users." It's full of helps. Ask your dealer, or write us.

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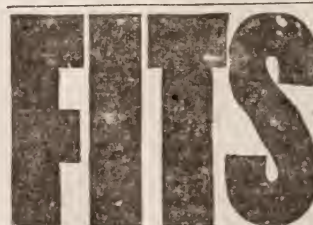
We give you one Link Free for your Bracelet. Friends give or exchange others. Start now! Links only 12c. each; 3 initials engraved Free. With your first order for one or more Links we send FREE a beautiful Velvet Ribbon. State whether Rolled Gold, Sterling Silver, scroll or plain design.

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We have sworn statements from patients cured of Fits, Epilepsy, Falling Sickness or Convulsions by a free sample of Dr. Roof's remedy. We PAY EXPRESSAGE on FREE TRIAL BOTTLE if you CUT OUT and RETURN THIS AD in your letter. Hundreds of testimonials on file. Give age and full particulars.

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# Abolish the Truss Forever

**Do Away With Steel and Rubber Bands That Chafe and Pinch**

You know by your own experience the truss is a mere makeshift—a false prop against a collapsing wall—and that it is undermining your health. Why, then, continue to wear it?



Stuart's PLAPAO-PADS are different from the truss, being medicine applicators made self-adhesive purposely to prevent slipping and to hold the distended muscles securely in place. No straps, buckles or springs attached; no "digging in" or grinding pressure. **Soft as Velvet—Flexible—Easy to Apply—Inexpensive.** Continuous day and night treatment at home. No delay from work. Hundreds of people have gone before an officer qualified to acknowledge oaths, and swore that the Plapao-Pads cured their rupture—some of them most aggravated cases of long standing. It is reasonable that they should do the same for you. Give them a chance.

## FREE TO THE RUPTURED

**FREE** Trial Plapao and illustrated book on rupture. Learn how to close the hernial opening as nature intended, so the rupture can't come down. No charge for it, now or ever; nothing to be returned. Write today—NOW. Address: Plapao Co. Block 315 St. Louis, Mo.

### CORRESPONDENCE.

**From Texas.**—Mr. Park: I live in the central part of Texas, between the Colorado and Leon Rivers. The principal products are corn, wheat, oats, milo maize, cotton and potatoes. I live in the mountain canyon, and do not raise much fruit; but on top of the mountain is raised some of the best fruit of Texas. Apples, pears, peaches, grapes and many other fruits do fine there. Here lots of horses, mules, cattle, sheep and angora goats are raised. In the Colorado River valley is the finest melon-producing land in the state.

Nina McNiell.

Caradan, Mills Co., Tex., Aug. 2, 1916.

**From Washington.**—Dear Friends: I want to tell you about my Tulip beds. My first was of mixed early flowering premium bulbs, some 50 in number. They were planted in an oblong bed by a picket fence, according to directions. For some reason they failed to bloom, but the Hyacinths which I planted in the bed bloomed. The next spring, though no attention had been paid to them, they bloomed, nearly all, and each year after more bloomed than did the spring before. In summer we have Geraniums and Verbenas, and sometimes Asters, in the same bed, never planting, however, until the bulb tops have ripened and disappeared.

My second venture was two small beds of Pottsbaker Tulips and summer Cypress. We ordered late, and it was between Christmas and New Years that we went out, scraped the two or three inches of snow off the beds, arranged the bulbs in each, procured a little earth from the hen-house floor, and covered just enough to put them out of sight (it was all the earth we could get), and scattered broadcast the seeds of Summer Cypress or Kochia, then covered all with snow. In the spring they bloomed before our early mixed bed or the Hyacinths did, and the Cypress was just thick and looked like moss on the ground. It was admired very much, one remarking: "I never saw anything so pretty as those scarlet Tulips and that 'moss'." What is of easier cultivation? Florally, Esther R. Seymour.

North Yakima, Wash., Dec. 17, 1916.

## To the Wife of One Who Drinks

I have an important confidential message for you. It will come in a plain envelope. How to conquer the liquor habit in 3 days and make home happy. Wonderful, safe, lasting, reliable, inexpensive method, guaranteed. Write to Edw. J. Woods, M 360, Station 2, New York, N. Y. Show this to others.

## GOITRE

I have an honest, certain, remedy for goitre (thick neck). Absolutely honest treatment given. Satisfied patients in every State of Union. Write Dr. H. Rock, Bancroft, Wisc.

## Rheumatism

**A Home Cure Given by One Who Had It.**

In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but, understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

Mark H. Jackson, No. 573 C Gurney Bldg., Syracuse, N. Y.

## DROPSY

**\$3.75 TREATMENT FREE.** Dr. Miles, the great specialist, sends a new and remarkable \$3.75 Dropsy Treatment Free as a Trial.

Many report cured of Dropsy, Smothering, Short Breath, at home, after 3 to 15 doctors failed. Immense practice, wonderful success. Send at once for Free Treatment and List of Astonishing Cures in many states. Describe symptoms. Relief in a day or two. Address Dr. Franklin Miles, Dept. D-74 to 84 Franklin St., Elkhart, Indiana.

## The Bee Cell Supporter

**A BOON TO WOMANKIND**



Made from the purest, softest rubber. Six cups or faces render misplacement absolutely impossible. Endorsed by the medical profession. Send us \$2.00 and we will mail you one postpaid in plain package. Money back if not entirely satisfactory. Write for descriptive circular. It's FREE.

The Bee Cell Co., Dept. 84, White Bldg., Buffalo, N. Y.

## PILES

**PAY IF CURED**

We pay postage and send FREE RAD CROSS Pile and Fistula cure. REA CO., Dept. 80, Minneapolis, Minn.

**TELLS  
ABOUT**



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MEN'S AILMENTS**

# 50,000 BOOKS FREE BY MAIL

Every afflicted man, suffering from any man disease, should write quick for his copy of this Valuable Free Book treating on the **General, Nervous, Chronic and Genito-Urinary Diseases**. It tells in plain, strong, simple words how any man may be **successfully treated at home** for such diseases as Blood Poison, (Inherited or Acquired), Vital Weakness, Loss of Ambition, Nervous Debility, Nervous Exhaustion, Brain Fog, Indiscretions, Infectious Diseases, the After-effects of Fast Living, and the Diseases of the Genito-Urinary Organs; Stomach, Liver and Bladder Disorders, Biliousness, Constipation, Piles, Rheumatism, Catarrh, etc. No matter how long you have suffered; how old or stubborn your case; how often you have failed to find relief or how discouraged and downhearted you are—this book will be a revelation to you of medical knowledge and may give you new hope. It is chock full of good, sound logic and advice—just the things you should know and follow. This Valuable Guide to Health may mean your complete restoration to **Health, Strength and Vigor**. Send **RIGHT NOW** for your copy. Mailed **FREE**, postpaid, in plain envelope. Address:

**DR. J. RUSSELL PRICE CO.** 729 208 N. 5th Ave  
Chicago, Ill.

## Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 821-C Marcellus Avenue, Manassquan, N. J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.

**CANCER** Treated at home. No pain, knife, plaster or oils. Send for Free treatise A. J. Miller, M. D., St. Louis, Mo.

**WANTED IDEAS** Write for List of Patent Buyers and Inventions Wanted. \$1,000,000 in prizes offered for inventions. Send sketch for free opinion as to patentability. Our four books sent free. Victor J. Evans & Co., 839 Ninth, Washington, D.C.

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**PARALYSIS** Conquered at Last. Write for Proof. By Dr. Chase's Special Blood and Nerve Tablets. Dr. Chase, 224 N. Tenth Street, Philadelphia, Pa.

**DEVELOP YOUR BUST!** Wonderful combination treatment; startling results possible; nothing like anything you ever heard of before. Full particulars FREE. Chas. J. Kennedy, 222 W. 123d St., New York.

**LADIES** WHEN DELAYED or irregular use Triumph Pills, always dependable. "Relief" and particulars FREE. Not sold at drug stores. Write. NATIONAL MEDICAL INST., Milwaukee, Wis.

## CORRESPONDENCE.

**From Missouri.**—Dear Mr. Park: My husband and I moved back to my girlhood home three years ago, in March. After having been let to tenants for nearly 12 years the once-beautiful lawn was a perfect wilderness of weeds, burdocks, plantain and a thicket of rose briars; the yard fence had been torn away, and young stock had eaten and destroyed fruit trees and Lilac bushes. Only a few of the hardy flowers remained, such as the old-fashioned purple Iris, Tiger Lilies, some small orange-colored Lilies of which I have forgotten the name, and several stately clumps of Yuccas. Do you wonder what the sequel is? The lawn is smooth and set in grass; weeds, burdocks and briars have been cut and pulled out by their roots, at the cost of many a toilsome hour; the hardiest sprouts of the rose briars have been reset to form a Rose hedge; the Lilies and Yuccas and some young Lilac sprouts are flourishing in a border, which has already been added to by many other beautiful perennials and annuals, and we are now planning a Rose garden on the south side of the house, and eagerly watching for suggestions in Park's Floral Magazine, which we consider the best ever.

Along the fence, between the yard and garden, I planted a row of Hollyhock seeds, and I surely think every seed grew and flourished, for this spring, one year after planting, they began to bloom early and continued until after the heavy frosts. They had no protection last winter except Oak leaves, which drifted against the fence and over them, and we had an unusually severe winter in Missouri. As we live on a road much traveled they were often admired and commented on. From a neglected bed of old-fashioned purple Iris, which had become too crowded to produce over five or six blooms in a season, I took enough roots to set three rows about 60 feet long in front of my Hollyhocks. They were set in September, 1915, and this spring those three rows were in continual bloom all during May and June, furnishing many a vase of cut flowers. I placed a handful of sand around each root when planting.

Pollyanna.

Browns Station, Mo., Dec. 17, 1916.

**From Florida.**—Here in Florida we do not have hothouses, but plants, shrubs and flowers of every description. The Palmetto or Florida Palm makes a grand display for indoor or window plants. The Opuntia Cactuses have beautiful bloom and edible fruit. Wild Coffee also grows here, and grows so quickly, even on the western prairie, or in city yards, where shade is needed. The Lobster Cactus grows wild here, and has been known to cure kidney trouble after doctors failed. A strong tea of it is used. I have a bed of it in my yard. Then the Thymol, which cures deafness and catarrh, grows in my garden. Floral City, Fla. Mrs. E. B. Green.

# City Physicians Explain Why They Prescribe Nuxated Iron

## To Make Beautiful, Healthy Women and Strong, Vigorous Men

### NOW BEING USED BY OVER THREE MILLION PEOPLE ANNUALLY

Quickly transforms the flabby flesh, toneless tissues, and pallid cheeks of weak, anaemic men and women into a perfect glow of health and beauty—Often increases the strength of delicate, nervous, run-down folks 200 per cent in two weeks' time.

New York, N. Y.—It is conservatively estimated that over three million people annually in this country alone are taking Nuxated Iron. Such astonishing results have been reported from its use both by doctors and laymen, that a number of physicians in various parts of the country have been asked to explain why they prescribe it so extensively, and why it apparently produces so much better results than were obtained from the old forms of inorganic iron.

Extracts from some of the letters received are given below:

Dr. King, a New York physician and author, says: "There can be no vigorous iron men without iron. Pallor means anaemia. Anaemia means iron deficiency. The skin of anaemic men and women is pale. The flesh flabby. The muscles lack tone, the brain fags and the memory fails and they often become weak, nervous, irritable, despondent and melancholy. When the iron goes from the blood of women, the roses go from their cheeks.

In the most common foods of America, the starches, sugars, table syrups, candies, polished rice, white bread, soda crackers, biscuits, macaroni, spaghetti, tapoca, sago, farina, degenerated cornmeal no longer is iron to be found. Refining processes have removed the iron of Mother Earth from these impoverished foods, and silly methods of home cookery, by throwing down the waste-pipe the water in which our vegetables are cooked, are responsible for another grave iron loss.

Therefore, if you wish to preserve your youthful vim and vigor to a ripe old age, you must supply the iron deficiency in your food by using some form of organic iron, just as you would use salt when your food has not enough salt.

Dr. Sauer, a Boston physician who has studied widely in both this country and in prominent European Medical Institutions, says: "As I have said a hundred times over, organic iron is the greatest of all strength builders. If people would only throw away patent medicines and nauseous concoctions and take Nuxated Iron, I am convinced that the lives of thousands of persons might be saved who now die every year from pneumonia, grippe, consumption, kidney, liver and heart troubles, etc. The real and true cause which started their diseases was nothing more nor less than a weakened condition brought on by lack of iron in the blood."

Not long ago a man came to me who was nearly half a century old and asked me to give him a preliminary examination for life insurance. I was astonished to find him with a blood pressure of a boy of 20 and as full of vigor, vim and vitality as a young man; in fact, a young man he really was, notwithstanding his age. The secret, he said, was taking iron—nuxated iron had filled him with renewed life. At 30 he was in bad health; at 46 he was careworn and nearly all in—now at 50, after taking Nuxated Iron, a miracle of vitality and his face beaming with the buoyancy of youth.

Iron is absolutely necessary to enable your blood to change food into living tissue. Without it, no matter how much or what you eat, your food merely passes through you without doing you any good, and as a consequence you become weak, pale and sickly looking, just like a plant trying to grow in a soil deficient in iron. If you are not strong or well, you owe it to yourself to make the following test: See how long you can work or how far you can walk without becoming tired. Next take two five-grain

tablets of ordinary nuxated iron three times per day after meals for two weeks. Then test your strength again and see how much you have gained. I have seen dozens of nervous, run-down people who were ailing all the while double their strength and endurance and entirely rid themselves of all symptoms of dyspepsia, liver and other troubles in from 10 to 14 days' time simply by taking iron in the proper form. And this, after they had in some cases been doctoring for months without obtaining any benefit. But don't take the old forms of reduced iron, iron acetate or tincture of iron simply to save a few cents. The iron demanded by Mother Nature for the red coloring matter in the blood of her children is, alas! not that kind of iron. You must take iron in a form that can be easily absorbed and assimilated to do you any good, otherwise it may prove worse than useless. Many an athlete and prize-fighter has won the day simply because he knew the secret of great

strength and endurance and filled his blood with iron before he went into the fray; while many another has gone down in inglorious defeat simply for the lack of iron."

Dr. V. Von Unruh, Medical Director-in-chief of the New York City Clinic, said: "I have given Nuxated Iron a fair and prolonged trial. I have been more than pleased with the results and will continue its use."

Dr. Schnyder C. Jaques, Visiting Surgeon of St. Elizabeth's Hospital, New York City, said: "I have never before given out any medical information or advice for publication, as I ordinarily do not believe in it.

"But in the case of Nuxated Iron, I feel I would be remiss in my duty not to mention it. I have taken it myself and given it to my patients with most surprising and satisfactory results. And those who wish quickly to increase their strength, power and endurance will find it a most wonderfully effective remedy."

Dr. James, late of the United States Public Health Service, says: "Patients in an enervated and devitalized state of health—those, for instance, convalescing from protracted fevers, those suffering from a long-standing case of anaemia—all such people, in my opinion, need iron. Of late, there has been brought to my attention, Nuxated Iron. In practice I have found this an ideal restorative and upbuilding agent in these cases above mentioned."

NOTE—Nuxated Iron, which is prescribed and recommended above by physicians in such a great variety of cases, is not a patent medicine nor secret remedy, but one which is well known to druggists and whose iron constituents are widely prescribed by eminent physicians both in Europe and America. Unlike the older inorganic iron products it is easily assimilated, does not injure the teeth, make them black, nor upset the stomach; on the contrary, it is a most potent remedy in nearly all forms of indigestion as well as for nervous, run-down conditions. The manufacturers have such great confidence in nuxated iron, that they offer to forfeit \$100.00 to any charitable institution if they cannot take any man or woman under 60 who lacks iron, and increase their strength 200 per cent or over in four weeks' time, provided they have no serious organic trouble. They also offer to refund your money if it does not at least double your strength and endurance in 10 days' time. It is dispensed by all good druggists.



# RESTORE YOUR HAIR TO YOUTHFUL COLOUR

Let Me Send You My Free Proof That  
Grey Hair Can Be Restored to  
Natural Colour and Beauty

No Dyes or Other Harmful Methods.  
Results in Four Days.

At 27 I was prematurely grey—and a failure because I looked old. Today at 35 I have no trace of grey hair and I look younger than I did eight years ago. I restored my own grey hair to its natural colour and beauty of youth and am a living example that grey hairs need no longer exist. No dangerous dyes, stains or other forms of hair paint are necessary to keep your hair young.



Old and Grey at 27



Young and happy at 35

Let me send you free full information that will enable you to restore your own hair to youthful colour so that you need never have a grey hair again, no matter what your age or the cause of your greyness, or how long you have been grey or how many things have failed. My free offer is open to men and women alike for a few days longer.

Send no money. Just write me today, giving your name and address plainly, stating whether Mr., Mrs. or Miss, and enclose two-cent stamp for return postage, and I will send you full particulars that will enable you to restore the natural colour of youth to your hair, making it soft, natural and easily managed. Write today. Address Mrs. Mary K. Chapman, Suite 462 D, Banigan Bldg., Providence, R. I.

## ECZEMA

Also called Tetter, Salt Rheum, Pruritus  
Milk Crust, Water Poison, Weeping  
Skin, etc.

I believe Eczema can be cured to stay. I mean just what I say, C-U-R-E-D, and NOT merely patched up to return again. Remember, I make this statement after handling nearly a half million cases of eczema and devoting 12 years of my life to its treatment. I don't care what all you have used nor how many doctors have told you that you could not be cured, all I ask is just a chance to prove my claims. If you write me TODAY, I will send you a FREE TRIAL of mild, soothing, guaranteed treatment that will surely convince you as it has me. If you are disgusted and discouraged, I dare you to give me a chance to prove my claims. By writing me today I believe you will enjoy more real comfort than you really thought this world held for you. Just try it, and I feel sure you will agree with me.

DR. J. E. CANNADAY, 1119 Court Bldg., Sedalia, Mo

References: Third National Bank, Sedalia, Mo. Send this notice to some eczema sufferer.

**LADIES \$1000 REWARD!** I positively guarantee my great Successful "Monthly" Compound, safely relieves some of the longest, most obstinate, abnormal cases in 3 to 5 days. No harm, pain or interference with work. Mail \$1.50; Double Strength \$2.00. BOOKLET FREE. Write today. DR. SOUTHWORTH REMEDY CO., 203 Main St., Kansas City, Mo

## A BOY'S HAPPIEST DAY.

Can anybody guess  
Boy's greatest delight?  
Why it's when a circus  
Just looms up in sight.

First he sees the parade,  
Then hies for his home,  
And tells of the wonders  
He saw in the town.

Then his dad, with a smile,  
Exclaims: "We will go  
And thus learn more about  
That wonderful show."

Later in the big tent  
They hear the band play,  
And see ponies dancing  
To orchestral lay;

The clown riding a cart,  
Then riding a mule;  
The clown's always alert,  
And always a fool.

Now in comes the cowboy  
And lassos his steed;  
The big old elephant  
Performs for his feed.

And so when the show ends,  
He thinks, homeward bound.  
The day of the circus  
Is the best he's found.

Greenwood Co., Kan.

Pearl Haynes.

## BETTY.

Written by Dorothy Lintner.

Chapter IX.

VIOLA'S FRIEND.

"Now, Mr. Dundale," Betty was saying. "If your daughter is to be a Rose and I a Poppy, who will be the Daisy?"

"That is the question," he answered.

"Oh, father!" exclaimed his daughter Viola. "I know just the girl we want."

"Who is she, dear?" he asked.

"Mr. Lewis's step-daughter."

"Sure enough; I had forgotten her."

"I'll see her tomorrow at dancing class and ask her about it."

"All right," answered Betty. "And then tomorrow afternoon we can all go shopping and get just what we need."

"I know she will help us out," said Viola.

"Oh, mercy!" exclaimed Betty, looking at her watch. "I must be going."

"Please don't," objected Viola.

"I have to stop in town for my aunt," said Betty.

"Well, then, I can't keep you," answered Viola, as Betty put on her hat.

"Tomorrow afternoon," added Viola.

"Yes; tomorrow," answered Betty, as she ran down the stone steps and buttoned her fur collar, as the wind was cold.

Betty soon had done the errands and was passing a photographer's window, when a picture attracted her attention. Betty stopped and, smiling, looked at the picture. It was she lying in a hammock asleep; then it all came to her. That was the picture June had taken. But how did that large picture (for it was enlarged) ever get into this window? Just then a young girl dressed in the latest of fashion and very pretty to behold, walked out of this building and gracefully went to the step of a limousine, gave orders to the chauffeur and — Betty just then realized who it was. It was June. Was it possible? It was too late to run up to the pretty girl, for already the limousine was out of sight.

Betty did the next best thing by going in the store. She went up to the man behind a counter. "I beg your pardon, sir, but will you please tell me who the young girl is that left here a few minutes ago?"

The kind-looking gentleman looked at Betty, then he answered:

"That was my niece, Miss Lewis."

Betty was disappointed. She thought sure it was June, but, of course, it wasn't. She thanked the man and then started home, which was not far from town.

Betty was thoroughly enjoying herself in this "darling" little city. A month had already passed and she had made many friends, of whom one was Viola Dundale.

The following week the city was to have a fair. Mr. Dundale had a booth there, and his daughter and Betty and another girl were going to dress as flowers, which represented his business.

By this time Betty had reached her aunt's home on Lemley Avenue. She found she was just in time for the evening meal. Then, of course, she explained what kept her so long.

The next afternoon Betty was at Viola's, and the two girls were talking together.

"Yes," said Viola; "she said she would be delighted to help us, and when I told her about you, she said she could hardly wait to meet you."

Betty gasped.

Betty was sitting near a window and was looking out upon the street, when the same limousine that Betty had seen the day before stopped in front of the Dundale home. Out stepped the same Miss Lewis that she had seen before.

In a minute the servant announced: "Miss Lewis."

Betty sat in silence.

The fifteen-year-old "Miss Lewis" walked into the room, exclaiming: "Did you think I was never coming?"

"I knew you would come. And now I want you to meet my friend," said Viola.

Betty turned and faced the young girl!

From then on Viola was very much astonished, for both girls had uttered each other's name and were now crying for joy. June had been found.

Everything was soon explained to Viola. She then served tea in honor of the girls. Nobody thought of the shopping, so it was postponed.

[To be continued.]

## THE JONESVILLE GARDEN CLUB.

Dear Mr. Park: I would like to tell the readers of the Floral Magazine about the Garden Club we organized in our little city last year.

For a long time a few kindred spirits would say, when we would be together: "Don't you wish we could have a garden club, and meet at stated times, and see what others are doing in the floral line, exchange ideas and maybe plants?"

As winter waned, and the flower catalogues began to come, our ardor waxed greater, and one enthusiastic lady invited all the members of a club to which she belonged to meet at her home one afternoon to talk the matter over, and see if it would be advisable to organize a club for the purpose of learning more about plants and flowers. Quite a number responded to the invitation, and others who could not be present sent word that they wanted to be "counted in". The club was organized, and a president, vice-president and secretary-treasurer elected. Committees were appointed to draft a constitution and by-laws, and arrange a program for the club year.

We limited the membership to 20 individuals, and met twice a month during the summer. Our attendance was very good, taking into consideration that it was vacation time, and many members were out of town at different times.

Each member is expected to tell something of interest on the subject for the day.

One lady is termed the exchange committee, and anyone having a surplus of shrubs, plants, bulbs, etc., or anyone desiring anything, is requested to apply to her, and their wants will be supplied, if possible.

Four committees were appointed to serve at "garden parties," which were held on the lawns. Our husbands were our guests, and as they wandered through the gardens, they felt that the ladies were repaid for their efforts; the parties were very enjoyable in every respect.

Our club has visions of doing a great deal of good in the way of beautifying our grounds as time goes on, and may branch out in a civic way.

Jonesville, Ill.,

Joanna Minturn Jones.

# CRUEL PILES

**Dr. Van Vleck Found Genuine Relief Which Is Healing Thousands**

**Send Postal for Dollar Trial FREE**

To anyone suffering from Piles we make this unlimited offer: Send us your address and return mail will bring



you a regular Dollar Package of Dr. Van Vleck's 3-fold Absorption Treatment for **Itching, Bleeding, Protruding Piles**, and such Pile trouble—all in plain wrapper—**TO TRY FREE**. Dr. Van Vleck, ex-surgeon U. S. Army, spent forty years perfecting his now world-famous **Absorption Method**. No knife, no pain, no doctor bills—just a simple home treatment that can be tried by anyone

without cost. Then after trying, if you are fully satisfied with the relief and comfort it gives you, send us One Dollar. If not, it costs you nothing. You decide and we take your word. We don't know how we could show more unbounded faith in our remedy. It is relieving almost every stage and condition of Itching, Bleeding, Protruding Piles even after whole lifetimes of misery. We have received hundreds of letters telling of the success of this remarkably effective system after everything else, including costly and dangerous operations, had failed, even after 30 and 40 years of suffering. The milder cases are often controlled in a single day. Won't you try it at our expense? Address Dr. Van Vleck Co., Dept. 291, Jackson, Mich. Send no money. Send today.

## To Women Who Dread Motherhood



Hundreds of women have proven by experience that dread and fear are unnecessary. Pain can now be reduced to almost nothing by discoveries of Dr. J. H. Dye, life-long specialist in such cases. Book explaining fully how to bring strong, healthy children into the world with almost no pain, sent free in plain wrapper and postpaid to any woman who will send her name to Dr. J. H. Dye Medical Institute, 76 Lincoln Bldg., Buffalo, N. Y. Write for it today.

## PILES DON'T BE CUT

Until You Try This Wonderful Treatment.

If you have piles in any form write for a **FREE** sample of Page's Pile Tablets and you will bless the day that you read this. Write today. E. R. Page, 351 Main St., Marshall, Mich.

**FREE—6 MONTHS—INVESTING FOR PROFIT**, a monthly Guide to Money-Making. Tells how \$100 grows to \$2,200—how to get rich quickly and honestly. H. L. BARBER, Pub. 410, 32 W. Jackson Blvd., Chicago

# Herbs Smoked in Pipe or Cigarette Relieve Catarrh.

Write for a Free Trial Package.

Dr. Blosser, who has devoted forty years to the treatment of Catarrh, is the originator of a certain combination of medical herbs, flowers and berries to be smoked in



a pipe or ready prepared cigarette. The smoke-vapor reaches all the air passages of the head, nose and throat. As the disease is carried into these passages with the air you breathe, so the antiseptic, healing vapor of

this Remedy is carried with the breath directly to the affected parts.

This simple, practical method applies the medicine where sprays, douches, ointments, etc., can not possibly go. Its effect is soothing and healing, and is entirely harmless, containing no tobacco or habit-forming drugs. It is pleasant to use, and not sickening to those who have never smoked. No matter how severe or long standing your case may be, we want to show you what our Remedy will do.

To prove the beneficial, pleasant effect, The Blosser Company, 727 Walton St., Atlanta, Ga., will mail absolutely free to any sufferer, a sample that will verify their claims by actual test. This free package contains a pipe, some of the Remedy for smoking and also some of our medical cigarettes. If you wish to continue the treatment, it will cost only one dollar for a month's supply for the pipe, or a box containing one hundred cigarettes.



We pay postage.

If you are a sufferer from Catarrh, Asthma, Catarrhal Deafness, or if subject to frequent colds, send your name and address at once by postal card or letter for the free package, and a copy of our illustrated booklet.

## FAILURE OF "606"

Are you one of those who used "606" or "914" and found it a failure? Have you been to Hot Springs and returned uncured? Have you taken the Mercury and Potash treatment and are you still suffering? Have you suffered from Blood Poison, Rheumatism, Malaria, Chronic Constipation, Eczema, Catarrh, Liver or Stomach Trouble, Enlarged Glands in Neck or Groin, or Scrofula without being benefited by any treatment? If so, write for our 100-page book FREE, showing how to obtain the results you are looking for. All correspondence confidential.

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Sufferers, write for my words of value Free about Weak Lungs and how to treat Lung Troubles. Address M. Beaty, M.D. Dept. 15 Cincinnati, O.

## CORRESPONDENCE.

**From Alabama.**—In this state I have found that some flowers do well and have a long season of bloom, while others cause only a waste of time and labor. Clematis in variety are among the latter, and it is useless to attempt their culture. The pretty Canterbury Bells, if started in the spring, become nice plants by June, but the hot sun then promptly kills them. I have had a few to bloom by planting them in September or October. The flowers I like best and have the best success with are Sweet Peas, Annual Lark-



spur planted in the fall, Zinnias, Shasta Daisies, Perennial Coreopsis, Double Asters, Perennial Phlox, Phlox Drummondii planted in autumn, Pansy, Snapdragon and Feverfew. Verbenas grow and bloom all winter. Golden Glow and Roses do well. Tulips are fine if planted late, so they will not be up before the freezes, which are slight. Hyacinths and all kinds of Narcissus, also Crocuses, are satisfactorily grown. Lilies, especially Tiger, Rubrum and Auratum, are fine. Spider Lilies, Belladonnas, Crinum and Amaryllis thrive and bloom. Cannas are at home here and make gorgeous beds. They multiply rapidly. Crimson Peonies will not endure the sun and drouth of summer. Banana plants grow from 12 to 20 feet high in a season, and sometimes bear some fruits, which do not ripen. Dasheen is a fine foliage plant for pots as well as the yard. Dahlias are among my most satisfactory flowers. I plant in trenches, and run water through them in dry weather. The early Chrysanthemums are very satisfactory, especially the early varieties, such as Chrysolora, Golden Glow and Early Frost. Selma, Ala., Dec. 11, 1916. L. B. Coleman.

## MAGAZINE APPRECIATED.

Dear Mr. Park:—I like your little Floral Magazine very much. I have learned many good things from it. Mrs. S. W. Brandt.

Ashland, O., Dec. 30, 1916.

Dear Mr. Park:—I subscribed for your Magazine a year ago last March and wish I had known of it before, as I find a great many things in it that are a help to me. Alice E. McLaughlin.

Avon, Mass., Nov. 6, 1916.

Dear Mr. Park:—We read your Floral Magazine regularly, and do not hesitate to say that it is the best flower magazine we have ever read. Watonga, Okla., Oct. 23, 1916. Mrs. Iva Horney.



## Superfluous Hair Remover Free!

Banish that mannish appearance! "SEE-HAIR-GO," an Indian discovery, positively removes any hair growth instantly! Even toughest, most wiry hair imaginable. Unlike any other preparation, Germicidal; antiseptic; won't injure or irritate tenderest skin. Results guaranteed. Delicately perfumed; pleasant to use. Free trial bottle (plain wrapper) to prove its merit. SEND 2c POSTAGE.

Mary Louise Wright, Dept. 132, 504 E. 47th St., Chicago, Ill.

# REDUCE YOUR FAT NOW!



THESE PICTURES SHOW GRADUAL REDUCTION OF EXCESS FAT

We haven't space to tell of all the good ADIPO is doing, but as an instance, Laura A. Fouch, McConnelleville, Ohio, says: "ADIPO took off 84 pounds 3 years ago and the reduction has been permanent." Effie Click, Kookuk, Iowa, says: "ADIPO made a new woman of me. It took off 70 pounds 2 years ago and I have not regained a single pound." Mr. John McGowan, Memramcook, N. B., Canada, says: "I believe I would be in my grave to-day but for ADIPO. It reduced me 105 pounds and now feel fine."

What ADIPO has done for these and hundreds of other men and women all over the Country it should also do for you. We are particularly anxious to reach those who have tried other methods and failed. Just send your address by letter or postal and receive the Free 50c box and illustrated book by return mail, post-paid. We send thousands of these Free trial packages all over the world. Address: The Adipo Co., 3403, Ashland Bldg., New York City

We extend this FREE offer to you, reader, because we want you to learn from your own actual experience what ADIPO, the new health-giving Fat Reducer will accomplish in safely and easily taking off excess fat, without starving, sweating, ridiculous exercising or other inconveniences to the user. As one of our friends put it, "You can eat and grow thin", for you have merely to take ADIPO and live naturally--that's all. Some report losing a pound a day, and a Constant Improvement in Health.

## 50c. Box FREE

Also Book on Self-Reducing

### QUERIES.

That good old German writer, Claudius, So sweetly tells a pretty story thus:

(A little maiden speaks.)

"She tells to me,  
My mother dearest, Nature gave to thee  
Two lips to speak with, little one, my own,  
And for this purpose use them then alone.

But why so red? Will you not kindly tell?  
White lips for speaking would do just as well.  
Why say for speaking only? There can be  
No other use for lips of a little girl like me!"  
Shelbyville, Indiana. Alonza Leora Rice.

### CORRESPONDENCE.

**From Nebraska.**—Dear Mr. Park: My bulbs bloomed beautifully last year. The large, golden Empress Narcissus bloomed just as fine in bottles of water as those I potted, some sending out two flowers. I never saw lovelier Hyacinths than those I raised. The single-flowered ones, in my opinion, are the handsomest. Two I saved from the year previous as an experiment, bloomed again last year. The graceful single bells were as large across as a silver dollar. The large double Tulips I potted for winter proved a delight, the blooms lasting so long.  
Schuyler, Neb., Oct. 18, 1916. C. Rogers.

**From California.**—There is no more picturesque valley in California than the little Fall River valley. It is a basin about 18 miles each way. Imagine a circular green plain with tall mountains on all sides, and you will have a pretty fair idea of what it is. To see it at its best is to ascend either Mount Soldier or Mount Saddle in the month of May or June, and view it from the summit. You will see what appear to be miles of green lawns, surrounded by beautiful mountains, and the clear little stream of Fall River looks like a tiny silver thread winding its way in and out along the west side till finally it goes dashing over rocks and crags and makes a most beautiful fall where it empties into the pit. We can see Mounts Burney, Lassen and stately Shasta, with their snow-covered heads to cool us off on a hot day. Old Mount Lassen has been in eruption but once this summer, but could you have been here on May 21, 1915, you would have seen a sight that would have held you spell-bound with awe and wonder, to see the crater belching out smoke, which rolled upward for thousands of feet, forming into a most beautiful cloud. It presented a sight that will not soon be forgotten by those who love the wonders of nature.  
McArthur, Calif., Aug. 12, 1916. Mrs. W. H. Estes.

## SUPERFLUOUS HAIR

Let Me Prove Free That You Can Get Rid Of It  
Positively, Without Pain or Injury

Free Coupon Brings You Quick Help

For years I was in despair because of a hideous growth of Superfluous Hair. I had a regular moustache and beard and a hairy covering on my arms. After seeking relief for years in vain, I secured, through an Officer in the British Army, a closely-guarded secret of the Hindoo Religion, which had made Superfluous Hair unknown among the native women of India, a fact which is well-known.



It was so successful in my own case that I no longer have the slightest trace of Superfluous Hair and I shall be glad to send Free to anyone, full information and complete instructions so that you can follow my example and completely destroy all trace without having to resort to the dangerous electric needle. So stop wasting your money on worthless depilatory preparations and write me today, giving your name and address, and stating whether Mrs. or Miss. All I ask is, that you send me a 2c stamp for return postage. Address Mrs. Frederick Hudson, Aptmt. 882 D, Bronson Bldg., Attleboro, Mass.

**IMPORTANT NOTE:** Mrs. Hudson belongs to a titled family, high in English Society; she is connected with leading officials there and is the widow of a prominent officer in the British Army, so you can write her with entire confidence. She has opened an office in America for the benefit of sufferers from Superfluous Hair. Address as above.

**CANCER** Home treatment, no knife or plaster for the cure of Cancer, Tumor and Scrofula. For particulars, address  
Dr. C. H. Mason's Vegetable Cancer Compound,  
Chatham, N. Y.

## GALL STONES

Stomach, Back, Side or Shoulders; Liver Trouble, Stomach Misery, Dyspepsia, Colic, Gas, Bloating, Headache, Constipation, Piles, Catarrh, Nerveousness, Bile, Jaundice. These are common Gallstone symptoms—can be cured. Or if you have been threatened with

## APPENDICITIS

Send for home treatment Medical Book on Liver, Stomach, Gall Troubles & Appendicitis FREE  
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## SPLENDID TUBEROUS BEGONIAS.

**I** HAVE a fine collection of Tuberous Begonias of the best Belgian strains which I offer at a bargain, because the English Government will not allow flowering bulbs, plants or tubers to be shipped into their country, and the price to American Importers is low in consequence. The tubers I offer are of the best size, about three inches in circumference, and will produce the finest flowers.



BELGIAN GLOXINIAS.

### BELGIAN GIANT DOUBLE-FLOWERED BEGONIAS.

|                                                 |         |                       |         |                      |         |
|-------------------------------------------------|---------|-----------------------|---------|----------------------|---------|
| Splendid Rosy Pink                              | 5 cents | Splendid Pure White   | 5 cents | Splendid Salmon      | 5 cents |
| Splendid rich Orange                            | 5 cents | Splendid rich Crimson | 5 cents | Splendid pure Yellow | 5 cents |
| Splendid Shade of orange-red or scarlet 5 cents |         |                       |         |                      |         |

**I** offer the entire collection, 7 splendid Tubers, including a subscription to Park's Floral Magazine for a year, only 30 cents; or, without Magazine 25 cents. Club of five \$1.50, and to the one who sends the Club I will send the Magazine a year, the Seven Double Begonias, and 12 fine mixed Gladiolus. Each lot of bulbs will be mailed separately. Order now.

### BELGIAN FRINGED BEGONIAS.

This is an elegant new race of Tuberous Begonias, the flowers very large with fringed petals. I offer the tubers of the most desirable size, about three inches in circumference, in both single and double varieties, in six superb colors, as follows:

| Single-fringed                        |        |               | Double-fringed.                       |              |         |
|---------------------------------------|--------|---------------|---------------------------------------|--------------|---------|
| Pure Pink,                            | 5 cts. | Pure Crimson, | 5 cts.                                | Pure Pink,   | 10 cts. |
| Pure White,                           | 5 cts. | Pure Orange,  | 5 cts.                                | Pure White,  | 10 cts. |
| Pure Copper,                          | 5 cts. | Pure Yellow,  | 5 cts.                                | Pure Salmon, | 10 cts. |
| The collection of six Tubers 25 cents |        |               | The collection of six Tubers 50 cents |              |         |

### BELGIAN BEGONIA CRISTATA, NEW.

This is a beautiful New Tuberous Begonia, each flower showing a crest or crown in the center. I have but a limited quantity of these, but offer them at a low price. They are very rare.

|                          |         |                         |         |                         |         |
|--------------------------|---------|-------------------------|---------|-------------------------|---------|
| Single-flowered Pink,    | 10 cts. | Single-flowered White,  | 10 cts. | Single-flowered Salmon, | 10 cts. |
| Single-flowered Crimson, | 10 cts. | Single-flowered Orange, | 10 cts. | Single-flowered Yellow, | 10 cts. |

**I** offer the entire collection of six Begonia Cristata in six fine colors for only 50 cents.

**Begonia Marmorata.**—This is a Single-flowered Begonia, with large, broad petals beautifully marked or marbled. Thus far it is the only Begonia with variegated flowers known. It is easily grown, and greatly admired. 10 cents each, six tubers for 50 cents.

**Belgian Gloxinias.**—These are of the finest Giant-flowered strain, and I offer them as follows:

|             |         |                 |         |                         |         |
|-------------|---------|-----------------|---------|-------------------------|---------|
| Pure White, | 10 cts. | Superb Spotted, | 10 cts. | Blue with White Margin, | 10 cts. |
| Pure Blue,  | 10 cts. | Superb Crimson, | 10 cts. | Red with white Margin,  | 10 cts. |

**I** offer the entire collection six splendid Gloxinias in six fine varieties, only 50 cents. See Engraving.

**Gladiolus Primulinus,** the new and elegant rich pure yellow Gladiolus recently found in South Africa, fine bulbs 10 cents each, \$1.00 per dozen. These Tubers and Bulbs are now on hand and ready to mail. Order early, before the stock is exhausted. Address

**GEO. W. PARK, LaPark, Pa.**



